



# Recombinant Mouse E3 SUMO-protein ligase PIAS2 (Pias2)

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| <b>Product Code</b>      | CSB-YP806970MO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Abbreviation</b>      | Pias2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Uniprot No.</b>       | Q8C5D8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>            | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Sequence</b>          | MADFEELRNM VSSFRVSELQ VLLGFAGR NK SGRKHDL LMR ALHLLKSGCS<br>PAVQIKIREL YRRRYPR TLE GLCDLSTIKS SVFSLDGSSS PVEPDLPVAG<br>IHSLPSTSIT PHSPSSPVGS VLLQDTKPTF EMQQPSPPIP PVHPDVQLKN<br>LPFYDVL DVL IKPTSLVQSS IQR FQEKFFI FALTPQQVRE ICISRDFLPG<br>GRRDYTVQVQ LRLCLAETSC PQEDNYPNSL CIKVNGLFPP LPGYAPPPKN<br>GIEQKRPGRP LNITSLVRLS SAVPNQISIS WASEIGKNYS MSVYLVRQLT<br>SAMLLQRLKM KGIRNPDHSR ALIKEKLTAD PDSEIATTSL RVSLMCPLGK<br>MRLTIPCRAV TCTHLQCFDA ALYLQMNEKK PTWICPVCDK KAAYESLILD<br>GLFMEILNDC SDVDEIKFQE DGSWCMPMRPK KEAMKVTSQP CTKVESSSVF<br>SKPCSVTVAS DASKKKIDVI DLTIESSSDE EEDPPAKRKC IFMSETQSSP<br>TKGVLMYQPS SVRVPSVTSV DPAAIPPSLT DYSPVFFHHTP VSSMSSDLPG<br>LDFLSLIPVD PQYCPMFLD SLTSPLTASS TSVTTTSPHE SSTHVSSSSS<br>RSETGVITSS GRNIPDIISL D |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Target Names</b>      | Pias2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Names</b>     | Recommended name: E3 SUMO-protein ligase PIAS2 EC= 6.3.2.- Alternative name(s): Androgen receptor-interacting protein 3 Short name= ARIP3 DAB2-interacting protein Short name= DIP Msx-interacting zinc finger protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Expression Region</b> | 1-621                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Length</b>    | full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Target Details</b>    | This gene encodes a protein involved in the regulation of transcription factors involved in MAP kinase signaling. The symbol MIZ1 has also been associated with ZBTB17 which is a different gene located on chromosome 1. Two alternatively spliced transcripts encoding different isoforms have been                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



described.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.