



Recombinant Human YY1-associated factor 2 (YAF2)

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| Product Code | CSB-YP810297HU |
| Abbreviation | YAF2 |
| Storage | 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. |
| Uniprot No. | Q8IY57 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MGDKKSPTRP KRQPKPSSDE GYWDCSVCTF RNSAEAFKCM MCDVRKGTST RKPRPVSQLV AQQVTQQFVP PTQSKKEKGD KVEKEKSEKE TTSKKNSHKK TRPRLKNVDR SSAQHLEVTG GDLTVIITDF KEKTKSPPAS SAASADQHSQ SGSSSDNTER GMSRSSSPRG EASSLNGESH |
| Source | Yeast |
| Target Names | YAF2 |
| Protein Names | Recommended name: YY1-associated factor 2 |
| Expression Region | 1-180 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| Target Details | This protein interacts with YY1, a zinc finger protein involved in negative regulation of muscle-restricted genes. This gene product itself contains a single N-terminal C2-X10-C2 zinc finger, and in contrast to YY1, is up-regulated during myogenic differentiation. It also facilitates proteolytic cleavage of YY1 by the calcium- activated protease, m-calpain, suggesting a mechanism by which this protein antagonizes the negative effect of YY1. |
| 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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