



# Recombinant Human THO complex subunit 4 (ALYREF)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-MP774811HU  |
| <b>Abbreviation</b>      | ALYREF  |
| <b>Storage</b>           | 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.   |
| <b>Uniprot No.</b>       | Q86V81  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | ADKMDMSLD DIKLNRSQR GGRGGGRGRG RAGSQGGRGG<br>GAQAAARVNR GGGPIRNP A IARGAAGGGG RNRPPYSRP<br>KQLPDKWQHD LFDSGFGGGA GVETGGKLLV SNLDFGVSDA DIQELFAEFG<br>TLKKAHVHYD RSGRSLGTAD VHFERKADAL KAMKQYNGVP LDGRPMNIQL<br>VTSQIDAQRR PAQSVNRGGM TRNRGAGGFG GGGGTRRGR<br>GGARGRGRGA GRNSKQQLSA EELDAQLDAY NARMDS  |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | ALYREF  |
| <b>Protein Names</b>     | Recommended name: THO complex subunit 4 Short name= Tho4 Alternative name(s): Ally of AML-1 and LEF-1 Aly/REF export factor Transcriptional coactivator Aly/REF bZIP-enhancing factor BEF   |
| <b>Expression Region</b> | 2-257   |
| <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 of Mature Protein   |
| <b>Target Details</b>    | This protein is a heat stable, nuclear protein and functions as a molecular chaperone. It is thought to regulate dimerization, DNA binding, and transcriptional activity of basic region-leucine zipper (bZIP) proteins.  |
| <b>Reconstitution</b>    | 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. |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  |



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