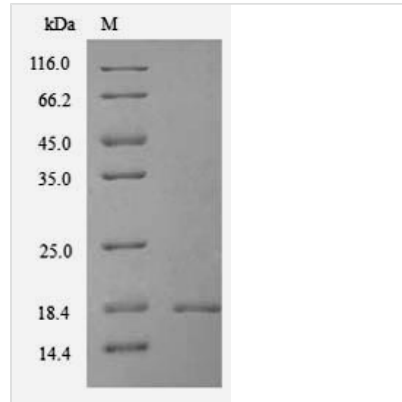




Recombinant Mouse Thioredoxin domain-containing protein 12 (Txndc12)

| | |
|--------------------------|---|
| Product Code | CSB-YP887432MO |
| Relevance | Possesses significant protein thiol-disulfide oxidase activity. |
| Abbreviation | Recombinant Mouse Txndc12 protein |
| 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. | Q9CQU0 |
| Alias | Endoplasmic reticulum resident protein 19 Short name: ER protein 19 Short name: ERp19 Thioredoxin-like protein p19 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | RTGLGKGFVDHIIHWRTLEDGKKEAAASGLPLMVIIHKSWCGACKALKPKFAES TEISELSHNFVMVNLEDEEPRDEDFSPDGGYIPRILFLDPSGKVRPEIINESGN PSYKYFYVSAEQVVQGMKEAQRRLTGDAFREKHFQDEL |
| Research Area | Signal Transduction |
| Source | Yeast |
| Target Names | Txndc12 |
| Protein Names | Recommended name: Thioredoxin domain-containing protein 12 EC= 1.8.4.2 Alternative name(s): Endoplasmic reticulum resident protein 19 Short name= ER protein 19 Short name= ERp19 Thioredoxin-like protein p19 |
| Expression Region | 25-170aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-tagged |
| Mol. Weight | 18.5kDa |
| Protein Length | Full Length of Mature Protein |
| Image | |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.

Shelf Life

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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.