



Recombinant *Oryza sativa* subsp. *japonica* Thioredoxin H5 (Os05g0480200, LOC_Os05g40190)

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| Product Code | CSB-EP751814OFG-B |
| Abbreviation | Os05g0480200, LOC_Os05g40190 |
| 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. | Q75GM1 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Oryza sativa</i> subsp. <i>japonica</i> (Rice) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MGCCGSSTVD AEEHLDYSGG NVTLVTDQKN WDNTMEEVAE HGKTVVLKFS AIWCTPCRNA APLFAELSLK YPDIVFVSVD VDEMPELVTVQ YDVRATPTFI FMKNNEEIDK LVGGNHEDLQ EKFEQLNRPK LYDDV |
| Source | <i>E.coli</i> |
| Target Names | Os05g0480200 |
| Protein Names | Recommended name: Thioredoxin H5 Short name= OsTrxh5 Alternative name(s): OsTrx20 |
| Expression Region | 1-135 |
| 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 |
| 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 | 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. |