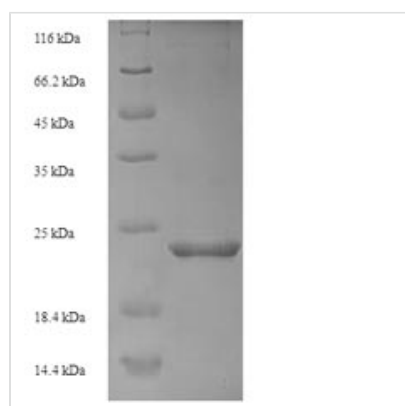




Recombinant Danio rerio Metallothionein-1 (mt)

Product Code	CSB-EP344821DIL
Relevance	Metallothioneins have a high content of cysteine residues that bind various heavy metals.
Abbreviation	Recombinant Zebrafish Metallothionein-1 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.	P52722
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MDPCECAKTGACNCGATCKCTNCQCTTCKKSCCSCCPSGCSKCASGCVCK GNSCGTSCCQ
Research Area	Others
Source	E.coli
Target Names	mt
Protein Names	Recommended name: Metallothionein-1 Short name= MT-1
Expression Region	1-60aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	22.0kDa
Protein Length	Full Length

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

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.