

Recombinant Danio rerio Metallothionein-2(mt2)



Catalog No: #AP73737

Package Size: #AP73737-1 10ug #AP73737-2 50ug #AP73737-3 100ug #AP73737-4 200ug #AP73737-5 500ug #AP73737-6 1mg
Orders: order@abscitech.com
Support: tech@abscitech.com

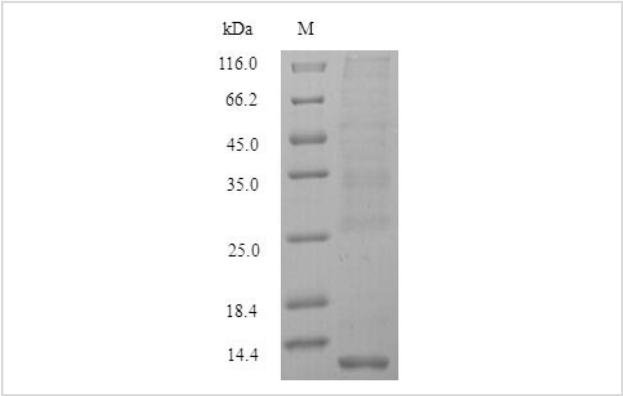
Description

Product Name	Recombinant Danio rerio Metallothionein-2(mt2)
Brief Description	Recombinant Protein
Host Species	Yeast
Target Name	mt2
Other Names	MT-2
Accession No.	Uniprot ID: Q7ZSY6
Target Species	Danio rerio (Zebrafish) (Brachydanio rerio)
SDS-PAGE MW	7.98kDa
Target Length	Full Length, 1-60aa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MDPCECAKTGTCNCGATCKCTNCQCTTCKKSCCSCCPGCSKSCASGCVCKGNSCGSSCCQ
Formulation	Tris-based buffer, 50% glycerol
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.

Application Details

Greater than 90% as determined by SDS-PAGE.

Images



Background

Metallothioneins have a high content of cysteine residues that bind various heavy metals.

References

"Expression of metallothionein gene during embryonic and early larval development in zebrafish."Chen W.-Y., John J.A.C., Lin C.-H., Lin H.-F., Wu S.-C., Lin C.-H., Chang C.-Y.Aquat. Toxicol. 69:215-227(2004)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.