

Recombinant Danio rerio Metallothionein-1(mt)

Catalog No: #AP71089

Package Size: #AP71089-1 20ug #AP71089-2 100ug #AP71089-3 1mg

Description

Product Name	Recombinant Danio rerio Metallothionein-1(mt)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-60aaSequence Info:Full Length
Accession No.	P52722
Calculated MW	22 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MDPCECAKTGACNCGATCKCTNCQCTTCKKSCCSCCPGCSKCSAGCVCKGNSCGTSCCQ
Formulation	Tris-based buffer50% 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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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

References

The use of metallothionein genes for determining the phylogenetic and evolutionary relationship between extant teleosts.Kille P., Olsson P.-E.
Research Topic:Others

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