

Recombinant Human Thioredoxin domain-containing protein 12(TXNDC12)

Catalog No: #AP70893

Package Size: #AP70893-1 20ug #AP70893-2 100ug #AP70893-3 1mg

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Description

Product Name	Recombinant Human Thioredoxin domain-containing protein 12(TXNDC12)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-172aaSequence Info:Full Length
Other Names	Endoplasmic reticulum resident protein 18 ;ER protein 18 ;ERp18Endoplasmic reticulum resident protein 19 ;ER protein 19 ;ERp19Thioredoxin-like protein p19hTLP19
Accession No.	O95881
Calculated MW	32.4 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	HNGLGKGFGDHIHWRTLEDGKKEAAASGLPLMVIIHKSWCGACKALKPKFAESTEISELSHNFVMVNLEDEEE PKDEDFSPDGGYIPRILFLDPSGKVHPEIINENGNPYSKYFYVSAEQVVQGMKEAQERLTGDAFRKKHLEDEL
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

Possesses significant protein thiol-disulfide oxidase activity.

References

Solution structure and dynamics of ERp18, a small endoplasmic reticulum resident oxidoreductase.Rowe M.L., Ruddock L.W., Kelly G., Schmidt J.M., Williamson R.A., Howard M.J.Biochemistry 48:4596-4606(2009) Research Topic:Signal Transduction

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