

Recombinant Human Thioredoxin-like protein 1(TXNL1)

Catalog No: #AP70895

Package Size: #AP70895-1 20ug #AP70895-2 100ug #AP70895-3 1mg

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Description

Product Name	Recombinant Human Thioredoxin-like protein 1(TXNL1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-289aaSequence Info:Full Length
Other Names	32KDA thioredoxin-related protein
Accession No.	O43396
Calculated MW	36.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	VGVPVGSDDPDFQPELSGAGSRLAVVKFTMRGCGPCLRIAPAFSSMSNKYPQAVFLEVDVHQCQGTAAATNNI SATPTFLFFRNKVRIDQYQGADAVGLEEKIKQHLENDPGSNEDTDIPKGYMDLMPFINKAGCECLNESDEHGF DNCLRKDTTFLESDCDEQLLITVAFNQPVKLYSMKFQGPDPNGQGPKYVKIFINLPRSMDFEEAERSEPTQALEL TEDDIKEDGIVPLRYVKFQNVNSVTIFVQSNQGEETTRISYFTFIGTPVQATNMNDFKRVVGKKGESH
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

Active thioredoxin with a redox potential of about -250 mV.

References

Solution structure of the C-terminal DUF1000 domain of the human thioredoxin-like 1 protein.Gorncy A.K., Koshiba S., Tochio N., Tomizawa T., Inoue M., Tanaka A., Sugano S., Kigawa T., Yokoyama S.Proteins 78:2176-2180(2010) Research Topic:Cell Biology

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