

Recombinant Escherichia coli Thioredoxin-2(trxC)

Catalog No: #AP70979

Package Size: #AP70979-1 20ug #AP70979-2 100ug #AP70979-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Escherichia coli Thioredoxin-2(trxC)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-139aaSequence Info:Full Length
Other Names	Protein-disulfide reductase
Accession No.	P0AGG4
Calculated MW	31.6 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MNTVCTHCQAINRIPDDRIEDAAKCGRCGHDLFDGEVINATGETLDKLLKDDLPPVIDFWAPWCGPCRNFAPIF EDVAQERSGKVRFBKVNTEAERELSSRFGIRSIPTIMIFKNGQVVDMLNGAVPKAPFDSWLNESL
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

Efficient electron donor for the essential enzyme ribonucleotide reductase. Is also able to reduce the interchain disulfide bridges of insulin.

References

Cloning, expression, and characterization of a novel Escherichia coli thioredoxin.Miranda-Vizuet A., Damdimopoulos A.E., Gustafsson J.-A., Spyrou G.J. Biol. Chem. 272:30841-30847(1997) Research Topic:Others

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