

Recombinant Escherichia coli TRXC Protein (1-139 aa), His-SUMO-tagged

Cat. No. TRXC-870E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) TRXC Protein (1-139 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	E.coli
Source	E.coli
ProteinLength	1-139 aa
Description	Efficient electron donor for the essential enzyme ribonucleotide reductase. Is also able to reduce the interchain disulfide bridges of insulin.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	31.6 kDa
AA Sequence	MNTVCTHCQAINRIPDDRIEDAAKCGRCGHDLFDGEVINATGETLDKLLKDDLPPVID FWAPWCGPCRNFAPIFEDVAQERSGKVRVVKVNTAERELSSRFGIRSIPTIMIFKN GQVVDMLNGAVPKAPFDSWLNESL
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

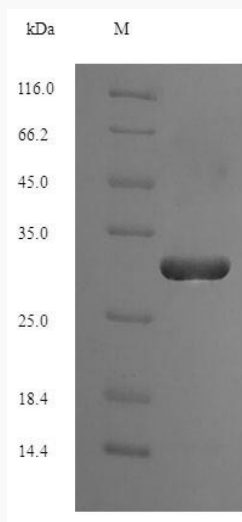
Concentration

A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID

P0AGG4



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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