

Recombinant Human TXNDC9 protein, GST-tagged

Cat. No. TXNDC9-1800H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TXNDC9 protein(1-226 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-226 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MEADASVDMFSKVLEHQLLQTTKLVEEHL DSEIQKLDQMDEDELERLKEKRLQALRK AQQQKQEWLSKGHGGEYREIPSERDFFQEVKESENVVCHFYRDSTFRCKILDRHLAIL SKKHLET KFLKLNVEKAPFLCERLHIKVIPTLALLKDGKTQDYVVGFTDLGNTDDFTTE TLEWRLGSSDILNYSGNLMEPPFQNKQKFGTNFTKLEKKTIRGKKYDSDSDDD
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name TXNDC9 thioredoxin domain containing 9 [Homo sapiens]

Official Symbol TXNDC9

Synonyms TXNDC9; thioredoxin domain containing 9; thioredoxin domain-containing protein 9; APACD; protein 1-4; ATP binding protein associated with cell differentiation; ATP-binding protein associated with cell differentiation; PHLP3;

Gene ID 10190

mRNA Refseq NM_005783

Protein Refseq NP_005774

MIM 612564

UniProt ID O14530

SDS-PAGE

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