

Recombinant Human TXNIP protein, His-SUMO-tagged

Cat. No. TXNIP-2469H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TXNIP protein(Q9H3M7)(1-391aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-391aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	59.7 kDa
AA Sequence	MVMFKKIKSFEVVFNDPEKVYGSGEKVAGRVIVEVCEVTRVKAVRILACGVAKVLWM QGSQQCKQTSEYLRVEDTLLEDQPTGENEMVIMRPGNKYEYKFGFELPQGPLGTS FKGKYGCVDYWVKAFLDRPSQPTQETKKNFEVVDLVDVNTPLMAPVSAKKEKKV SCMFIPDGRVSVSARIDRKGFCGEDEISIHADFENTCSRIVVPKAAIVARHTYLANGQ TKVLTQKLSSVRGNHIISGTCASWRGKSLRVQKIRPSILGCNLRVEYSLLIYVSVPGS KKVILDLPVIGSRSGLSSRTSSMASRTSSEMSWVDLNIPDTPEAPPCYMDVIPEDH RLESPTTPLLDDMDGSQDSPIFMYAPEFKFMPPTTYTEVDPCILNNNVQ
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name [TXNIP thioredoxin interacting protein \[Homo sapiens \]](#)

Official Symbol [TXNIP](#)

Synonyms TXNIP; thioredoxin interacting protein; thioredoxin-interacting protein; EST01027; HHCPA78; THIF; thioredoxin binding protein 2; upregulated by 1; 25 dihydroxyvitamin D 3; VDUP1; thioredoxin-binding protein 2; vitamin D3 up-regulated protein 1; upregulated by 1,25-dihydroxyvitamin D-3;

Gene ID [10628](#)

mRNA Refseq [NM_006472](#)

Protein Refseq [NP_006463](#)

MIM [606599](#)

UniProt ID [Q9H3M7](#)

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