Recombinant Human TXNIP protein, His-tagged

Cat. No. TXNIP-2816H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TXNIP protein(59 - 206 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	59 - 206 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	GSQQCKQTSEYLRYEDTLLLEDQPTGENEMVIMRPGNKYEYKFGFELPQGPLGTSF KGKYGCVDYWVKAFLDRPSQPTQETKKNFEVVDLVDVNTPDLMAPVSAKKEKKVS CMFIPDGRVSVSARIDRKGFCEGDEISIHADFENTCS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage.

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	Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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