Recombinant Human TBX4 protein, His-tagged

Cat. No. TBX4-3144H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TBX4 protein(271-546 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	271-546 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.
AASequence	SKSIMRQRLISPQLSATPDVGPLLGTHQALQHYQHENGAHSQLAEPQDLPLSTFPTQ RDSSLFYHCLKRRADGTRHLDLPCKRSYLEAPSSVGEDHYFRSPPPYDQQMLSPSY CSEVTPREACMYSGSGPEIAGVSGVDDLPPPPLSCNMWTSVSPYTSYSVQTMETV PYQPFPTHFTATTMMPRLPTLSAQSSQPPGNAHFSVYNQLSQSQVRERGPSASFP RERGLPQGCERKPPSPHLNAANEFLYSQTFSLSRESSLQYHSGMGTVENWTDG
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 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

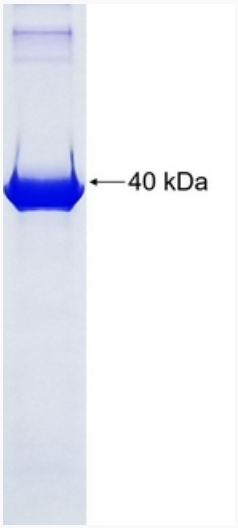
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Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	TBX4 T-box 4 [Homo sapiens]
Official Symbol	TBX4
Synonyms	TBX4; T-box 4; T-box transcription factor TBX4; T-box protein 4; SPS;
Gene ID	9496
mRNA Refseq	NM_018488
Protein Refseq	NP_060958
MIM	601719
UniProt ID	P57082

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