

Recombinant Human TCF7L2 protein, His-tagged

Cat. No. TCF7L2-3308H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TCF7L2 protein(1-355 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-355 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MPQLNGGGGDDLGADELISFKDEGEQEEKSSENSSAERDLADVKSSLVNESETN QNSSSDSEAERRPPRSESRDKSRESLEEAAKRQDGGFLFKGPPYPGYPFIMIPDL TSPYLPNGSLSPARTYLQMKWPLLDVQAGSLQSRQALKDARSPSPAIVSNKVPV VQHPPHHVHPLTPLITYSNEHFTPGNPPPHLPADVDPKTGIPRPPHPPDISPYYPPLSPG TVGQIPHPLGWQGQPVYPITTGGFRHPYPTALTVNASMSRFPPHMPVPPHHTLHTTG IPHPAIVTPTVKQESSQSDVGSLSHSSKHQDSKKEEEKKKPHIKKPLNAFMLYMKEMR AKVVAECTLKESAAINQ
Purity	95%, 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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name TCF7L2 transcription factor 7-like 2 (T-cell specific, HMG-box) [Homo sapiens]

Official Symbol TCF7L2

Synonyms

TCF7L2; transcription factor 7-like 2 (T-cell specific, HMG-box); TCF4; transcription factor 7-like 2; TCF 4; hTCF-4; T-cell factor 4; T-cell factor-4 variant A; T-cell factor-4 variant B; T-cell factor-4 variant C; T-cell factor-4 variant D; T-cell factor-4 variant E; T-cell factor-4 variant F; T-cell factor-4 variant G; T-cell factor-4 variant H; T-cell factor-4 variant I; T-cell factor-4 variant J; T-cell factor-4 variant K; T-cell factor-4 variant L; T-cell factor-4 variant M; T-cell factor-4 variant X2; HMG box transcription factor 4; T-cell-specific transcription factor 4; TCF-4;

Gene ID 6934

mRNA Refseq NM_001146274

Protein Refseq NP_001139746

MIM 602228

UniProt ID Q9NQB0

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