

Recombinant Human TEAD4 protein, GST-tagged

Cat. No. TEAD4-3175H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TEAD4 protein(135-434 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	135-434 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	SAQIISATAFHSSMALARGPGRPAVSGFWQGALPGQAGTSHDVKPFSSQQTYAVQP PLPLPGFESPAGPAPSPSAPPAPPWQGRSVASSKLWMLEFSAFLEQQQDPDTYNK HLFVHIGQSSPSYSDPYLEAVDIRQIYDKFPEKKGGLKDLFERGPSNAFFLVKFWADL NTNIEDEGSSFYGVSSQYESPENMIITCSTKVCSFGKQVVEKVETHEYARYENGHYSY RIHRSPICEYMINFIHKLKHLPEKYMMSVLENFTILQVVTNRDTQETLLCIAYVFEVS ASEHGAQHIIYRLVKE
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,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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 TEAD4 TEA domain family member 4 [Homo sapiens]

Official Symbol TEAD4

Synonyms TEAD4; TEA domain family member 4; TCF13L1; transcriptional enhancer factor TEF-3; EFTR 2; RTEF 1; TEF 3; TEFR 1; transcription factor RTEF-1; transcription factor 13-like 1; transcriptional enhancer factor 3; related transcription enhancer factor 1B; transcriptional enhancer factor 1-related; TEF3; RTEF1; TEF-3; EFTR-2; TEFR-1; hRTEF-1B; MGC9014;

Gene ID 7004

mRNA Refseq NM_003213

Protein Refseq NP_003204

MIM 601714

UniProt ID Q15561

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