



Transcription Factor 4 Human Recombinant

Item Number	rAP-4141
Synonyms	Transcription factor 4, TCF-4, Class B basic helix-loop-helix protein 19, Immunoglobulin transcription factor 2, SL3-3 enhancer factor 2, TCF4, bHLHb19, E2-2, ITF-2, ITF2, PTHS, SEF-2, SEF2, SEF2-1, SEF2-1A, SEF2-1B.
Description	TCF4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 530 amino acids (1-507) and having a molecular mass of 56.6 kDa. TCF4 is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P15884
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGS MKFKQCR CSDTGLCCLD HEGKAEVYAP SASTADYNRD SPGYPSSKPA TSTFPSSFFM QDGHSSDPW SSSSGMNQPG YAGMLGNSSH IPQSSSYCSL HPHERL- SYPS HSSADINSSL PPMSTFHRSG TNHYSTSSCT PPANGTDSIM ANRGSGAAGS SQTGDALGKA LASIYSPDHT NNSFSSNPST PVGSPPSLA GTAVWSRNGG QASSSPNYEG PLHSLQSRIE DRLERLDDAI HVLRNHAVGP STAMPGGHGD MHGIIGPSHN GAMGGLGSGY GTGLLSANRH SLMVGTHRED GVALRGSHSL LPNQVPVQL PVQSATSPDL NPPQDPYRGM PPGLQGQSVS
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The TCF4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.1M NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**