9051 Mira Mesa Blvd, #910094
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TCF4 Human

Transcription Factor 4 Human Recombinant
RCP2344

Product Overview

Name	TCF4 Human
Description	
Transcription Factor 4 Human Recombinant	
Accession (Primary)	P15884
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.	
Introduction	
Transcription Factor 4 (TCF4) acts as a transcription factor and takes part in the initiation of neuronal differentiation. TCF4 recognizes an Ephrussi-box ('E-box') binding site ('CANNTG') - a motif primary identified in immunoglobulin enhancers. TCF4 is mainly expressed in pre-B-cells, even though it is present in other tissues as well.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The TCF4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.1M NaCl.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MKFKQCR CSDTGLCCLD HEGKAEVYAP SASTADYNRD SPGYPSSKPA TSTFPSSFFM QDGHHSSDPW SSSSGMNQPG YAGMLGNSSH IPQSSSYCSL HPHERLSYPS HSSADINSSL PPMSTFHRSG TNHYSTSSCT PPANGTDSIM ANRGSGAAGS SQTGDALGKA LASIYSPDHT NNSFSSNPST PVGSPPSLSA GTAVWSRNGG QASSSPNYEG PLHSLQSRIE DRLERLDDAI HVLRNHAVGP STAMPGGHGD	

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MHGIIGPSHN GAMGGLGSGY GTGLLSANRH SLMVGTHRED GVALRGSHSL LPNQVPVPQL PVQSATSPDL NPPQDPYRGM PPGLQGQSVS SGSSEIKSDD EGDENLQDTK SSEDKKLDDD KKDIKSITSN NDDEDLTPEQ KAEREKERRM ANNARERLRV RDINEAFKEL GRMVQLHLKS DKPQTKLLIL HQAVAVILSL EQQVRERNLN PKAACLKRRE EEKVSSEPPP LSLAGPHPGM GDASNHMGQM.

Precautions

TCF4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P15884)