

Recombinant Human TCF4 protein, GST-tagged

Cat. No. TCF4-29463TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TCF4 full-length ORF (AAH31056.1, 1 a.a. - 365 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	65.89kDa
AA Sequence	MHHQQRMAALGTDKELSDLLDFSAMFSPPVSSGKNGPTSLASGHFTGSNVEDRSS SGSWGNGGHPSPSRNYGDGT PYDHTTSRDLGSHDNLSPPFVNSRIQSKTERGSY SSYGRESNLQGCHQQSLLGGDMMDMGNPGTSLPTKPGSQYYQ YSSNNPRRRPLHS SAMEVQTKKVRKVPPGLPSSVYAPSASTADYNRDSPGYPSSKPATSTFPSSFFMQD GHHSSD PWSSSSGMNQPGYAGMLGNSSHIPQSSSYCSLHPHERLSYPSSHSSADIN SSLPPMSTFHRSGTNHYSTSSCTPPA NGTDSIMANRGSGAAGSSQTGDALGKALA SIYSPDHTNNSFSSNPSTPVGSPPSLSAGTAVWSRN
Applications	ELISA; WB; Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	TCF4 transcription factor 4 [Homo sapiens]
Official Symbol	TCF4
Synonyms	TCF4; transcription factor 4; bHLHb19; E2 2; ITF2; SEF2 1B; SL3-3 enhancer factor 2; transcription factor 4, isoform D; transcription factor 4, isoform R; immunoglobulin transcription factor 2; class B basic helix-loop-helix protein 19; E2-2; PTHS; SEF2; ITF-2; SEF-2; TCF-4; SEF2-1; SEF2-1A; SEF2-1B; MGC149723; MGC149724;
Gene ID	6925
mRNA Refseq	NM_001083962
Protein Refseq	NP_001077431
MIM	602272
UniProt ID	P15884
Chromosome Location	18q21.1
Pathway	CDO in myogenesis, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Myogenesis, organism-specific biosystem; Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem;
Function	DNA binding; E-box binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive

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regulation of transcription; TFIIB-class binding transcription factor activity; TFIIB-class transcription factor binding; protein C-terminus binding; protein binding; protein heterodimerization activity; protein heterodimerization activity; sequence-specific DNA binding RNA polymerase recruiting transcription factor activity; sequence-specific DNA binding transcription factor activity;

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