

## Recombinant Human TCF4 protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	65.89kDa
<b>AA Sequence</b>	MHHQQRMAALGTDKELSDLLDFSAMFSPPVSSGKNGPTSLASGHFTGSNVEDRSS SGSWGNGGGHPSPSRNYGDGT PYDHTTSRDLGSHDNLSPPFVNSRIQSKTERGSY SSYGRESNLQGCHQQSLLGGDMDMGNPGTLSPTKPGSQYYQ YSSNNPRRRPLHS SAMEVQTKKVRKVPPGLPSSVYAPSASTADYNRDSPGYPSSKPATSTFPSSFFMQD GHHSSD PWSSSSGMNQPGYAGMLGNSSHIPQSSSYCSLHPHERLSYPSSHSSADIN SSLPPMSTFHRSGTNHYSTSSCTPPA NGTDSIMANRGSGAAGSSQTGDALGKALA SIYSPDHTNNSFSSNPSTPVGSPPSLSAGTAVWSRN
<b>Applications</b>	ELISA; WB; Antibody Production; Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	TCF4 transcription factor 4 [ Homo sapiens ]
<b>Official Symbol</b>	TCF4
<b>Synonyms</b>	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;
<b>Gene ID</b>	6925
<b>mRNA Refseq</b>	NM_001083962
<b>Protein Refseq</b>	NP_001077431
<b>MIM</b>	602272
<b>UniProt ID</b>	P15884
<b>Chromosome Location</b>	18q21.1
<b>Pathway</b>	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;
<b>Function</b>	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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