

Recombinant Full Length Human TCF7 Protein, GST-tagged

Cat. No. TCF7-6778HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human TCF7 full-length ORF (NP_003193.2, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	384 amino acids
Description	Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. It is found primarily in the kidney, where it may mediate the first step in cation reabsorption.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	68 kDa
AA Sequence	MPQLDSGGGGAGGGDDLGAPELLAFQDEGEEQDDKSRDSAAGPERDLAELKSS LVNESEGAAGGAGIPGVPAGAGARGEAEALGREHAAQRLFPDKLPEPLEDGLKAP ECTSGMYKETVYSAFNLLMHYPPPSGAGQHPQPQPPLHKAQPPHGVPLSLYEH FNSPHPTPAPADISQKQVHRPLQTPDLSGFYSLTSGSMGQLPHTVSWFTHPSLMLG

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SGVPGHPAAIPHPAIVPPSGKQELQPFDRNLKTQAESKAEKEAKKPTIKKPLNAFMLY
MKEMRAKVIAECTLKESAAINQILGRRWHALSREEQAKYYELARKERQLHMQLYPG
WSARDNYGKKKRRSREKHQUESTTGGKRNAFGTYPEKAAAPAPFLPMTVL

Storage Store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name TCF7 transcription factor 7 (T-cell specific, HMG-box) [Homo sapiens]

Official Symbol TCF7

Synonyms TCF7; transcription factor 7 (T-cell specific, HMG-box); transcription factor 7; TCF 1; T-cell-specific transcription factor 1; TCF-1; FLJ36364; MGC47735;

Gene ID 6932

mRNA Refseq NM_001134851

Protein Refseq NP_001128323

MIM 189908

UniProt ID P36402

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