

Recombinant Human TFEC Protein, His-tagged

Cat. No. TFEC-464H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TFEC, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the microphthalmia (MiT) family of basic helix-loop-helix leucine zipper transcription factors. MiT transcription factors regulate the expression of target genes by binding to E-box recognition sequences as homo- or heterodimers, and play roles in multiple cellular processes including survival, growth and differentiation. The encoded protein is a transcriptional activator of the nonmuscle myosin II heavy chain-A gene, and may also co-regulate target genes in osteoclasts as a heterodimer with microphthalmia-associated transcription factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	35.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	TFEC transcription factor EC [Homo sapiens]
Official Symbol	TFEC
Synonyms	TFEC; transcription factor EC; bHLHe34; TC FEC; TFECL; transcription factor EC-like; class E basic helix-loop-helix protein 34; TFE-C; TFEC-L; hTFEC-L;
Gene ID	22797
mRNA Refseq	NM_001018058
Protein Refseq	NP_001018068
MIM	604732
UniProt ID	O14948

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