



Human TFEC blocking peptide (CDBP2959)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TFEC antibody
Antigen 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. [provided by RefSeq, Sep 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

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;
Entrez Gene ID	22797
mRNA Refseq	NM_001018058
Protein Refseq	NP_001018068
UniProt ID	O14948
Chromosome Location	7q31.2
Pathway	C-MYB transcription factor network, organism-specific biosystem;
Function	DNA binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity; transcription corepressor activity;