



Human TCF12 blocking peptide (CDBP2925)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-TCF12 antibody
Antigen Description	The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH) E-protein family that recognizes the consensus binding site (E-box) CANNTG. This encoded protein is expressed in many tissues, among them skeletal muscle, thymus, B- and T-cells, and may participate in regulating lineage-specific gene expression through the formation of heterodimers with other bHLH E-proteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name [TCF12 transcription factor 12 \[Homo sapiens \]](#)

Official Symbol	TCF12
Synonyms	TCF12; transcription factor 12; bHLHb20; HEB; helix loop helix transcription factor 4; HsT17266; HTF4; TCF-12; E-box-binding protein; DNA-binding protein HTF4; transcription factor HTF-4; helix-loop-helix transcription factor 4; class B basic helix-loop-helix protein 20;
Entrez Gene ID	6938
mRNA Refseq	NM_003205
Protein Refseq	NP_003196
UniProt ID	Q99081
Chromosome Location	15q21
Pathway	CDO in myogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Id Signaling Pathway, organism-specific biosystem; Myogenesis, organism-specific biosystem;
Function	DNA binding; protein binding; sequence-specific DNA binding transcription factor activity; contributes_to transcription regulatory region DNA binding;