



# Human TCF12 blocking peptide (CDBP2925)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking peptide for anti-TCF12 antibody
<b>Antigen Description</b>	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]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS containing 0.02% sodium azide
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C, stable for one year.

## GENE INFORMATION

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

<b>Official Symbol</b>	TCF12
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">6938</a>
<b>mRNA Refseq</b>	<a href="#">NM_003205</a>
<b>Protein Refseq</b>	<a href="#">NP_003196</a>
<b>UniProt ID</b>	Q99081
<b>Chromosome Location</b>	15q21
<b>Pathway</b>	CDO in myogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Id Signaling Pathway, organism-specific biosystem; Myogenesis, organism-specific biosystem;
<b>Function</b>	DNA binding; protein binding; sequence-specific DNA binding transcription factor activity; contributes_to transcription regulatory region DNA binding;