



Human MYOG blocking peptide (CDBP1950)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Myogenin/MYF4 antibody
Antigen Description	Myogenin is a muscle-specific transcription factor that can induce myogenesis in a variety of cell types in tissue culture. It is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. It is essential for the development of functional skeletal muscle. [provided by RefSeq, Jul 2008]
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	MYOG myogenin (myogenic factor 4) [Homo sapiens (human)]
Official Symbol	MYOG
Synonyms	MYOG; myogenin (myogenic factor 4); MYF4; myf-4; bHLHc3; myogenin; myogenic factor 4; class C basic helix-loop-helix protein 3;
Entrez Gene ID	4656

mRNA Refseq	NM_002479.5
Protein Refseq	NP_002470.2
UniProt ID	P15173
Chromosome Location	1q31-q41
Pathway	CDO in myogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Hypertrophy Model, organism-specific biosystem; Id Signaling Pathway, organism-specific biosystem; Myogenesis, organism-specific biosystem; Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem;
Function	E-box binding; RNA polymerase II regulatory region sequence-specific DNA binding; RNA polymerase II transcription regulatory region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; chromatin DNA