



Human MSX1 blocking peptide (CDBP1914)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MSX1 antibody
Antigen Description	This gene encodes a member of the muscle segment homeobox gene family. The encoded protein functions as a transcriptional repressor during embryogenesis through interactions with components of the core transcription complex and other homeoproteins. It may also have roles in limb-pattern formation, craniofacial development, particularly odontogenesis, and tumor growth inhibition. Mutations in this gene, which was once known as homeobox 7, have been associated with nonsyndromic cleft lip with or without cleft palate 5, Witkop syndrome, Wolf-Hirschorn syndrome, and autosomal dominant hypodontia. [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	MSX1 msh homeobox 1 [Homo sapiens]
Official Symbol	MSX1
Synonyms	MSX1; msh homeobox 1; HOX7, msh (Drosophila) homeo box homolog 1 (formerly homeo box

7) , msh homeobox homolog 1 (Drosophila); homeobox protein MSX-1; HYD1; OFC5; homeobox 7; msh homeo box 1; homeobox protein Hox-7; msh homeobox homolog 1; msh homeobox 1-like protein; HOX7; STHAG1;

Entrez Gene ID	4487
mRNA Refseq	NM_002448
Protein Refseq	NP_002439
UniProt ID	P28360
Chromosome Location	4p16.2
Pathway	HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity; p53 binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;