

Recombinant Human MSX2 Protein, MYC/DDK-tagged

Cat. No. MSX2-2086H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human MSX2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	This gene encodes a member of the muscle segment homeobox gene family. The encoded protein is a transcriptional repressor whose normal activity may establish a balance between survival and apoptosis of neural crest-derived cells required for proper craniofacial morphogenesis. The encoded protein may also have a role in promoting cell growth under certain conditions and may be an important target for the RAS signaling pathways. Mutations in this gene are associated with parietal foramina 1 and craniosynostosis type 2. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	28.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	MSX2 msh homeobox 2 [Homo sapiens]
Official Symbol	MSX2
Synonyms	CRS2; FPP; HOX8; MSH; PFM; PFM1
Gene ID	4488
mRNA Refseq	NM_002449
Protein Refseq	NP_002440
MIM	123101
UniProt ID	P35548

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