

## Recombinant Human MSX2 Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human MSX2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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].</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	28.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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

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