

Homeobox protein MSX-2 (MSX2) Recombinant Protein | MSX2 recombinant protein

Recombinant Human Homeobox protein MSX-2 (MSX2)

CATALOG # AAA113469	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Homeobox protein MSX-2 (MSX2); Recombinant Human Homeobox protein MSX-2 (MSX2); MSX2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-267, Full length protein
Sequence	MASPSKGNDL FSPDEEGPAV VAGPGPGPGG AEGAAEERRV KVSSLPFSVE ALMSDKKPPK EASPLPAESA SAGATLRPLL LSGHGAREAH SPGPLVKPFE TASVKSENSE DGAAWMQEPG RYSPPPRHMS PTTCTLRKHK TNRKPRTPTF TSQLLALERK FRQKQYLSIA ERAEFSSSLN LTETQVKIWF QNRRAKAKRL QEAELEKLM AAKMLPSSF SLPFPISSPL QAASIYGASY PFHRPVLPIP PVGLYATPVG YGMYHLS
Sequence Length	267
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for MSX2 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27886557
NCBI GeneID	4488
NCBI Accession #	NP_002440.2
NCBI GenBank Nucleotide #	NM_002449.4
UniProt Accession #	P35548 ; Q53XM4 ; Q9UD60 ; D3DQN1
Molecular Weight	28,897 Da
NCBI Official Full Name	homeobox protein MSX-2
NCBI Official Synonym Full Names	msh homeobox 2
NCBI Official Symbol	MSX2

NCBI Official Synonym Symbols	FPP; MSH; PFM; CRS2; HOX8; PFM1
NCBI Protein Information	homeobox protein MSX-2
UniProt Protein Name	Homeobox protein MSX-2
UniProt Gene Name	MSX2
UniProt Synonym Gene Names	HOX8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/msx2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113469>