

Recombinant Human MSX2 cell lysate

Cat. No. MSX2-1141HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	MSX2 msh homeobox 2 [Homo sapiens]
Official Symbol	MSX2
Synonyms	MSX2; msh homeobox 2; msh (Drosophila) homeo box homolog 2 , msh homeobox

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	homolog 2 (Drosophila) , parietal foramina 1 , PFM1; homeobox protein MSX-2; craniosynostosis; type 2; CRS2; FPP; HOX8; MSH; PFM; msh homeo box 2; homeobox protein Hox-8; msh homeobox homolog 2; PFM1;
Gene ID	4488
mRNA Refseq	NM_002449
Protein Refseq	NP_002440
MIM	123101
UniProt ID	P35548
Chromosome Location	5q35.2
Pathway	HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem;
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription factor binding; transcription regulatory region DNA binding;