

Recombinant Human HMX1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HMX1-1531H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HMX1 MS Standard C13 and N15-labeled recombinant protein (NP_061815) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a transcription factor that belongs to the H6 family of homeobox proteins. This protein can bind a 5'-CAAG-3' core DNA sequence, and it is involved in the development of craniofacial structures. Mutations in this gene cause oculoauricular syndrome, a disorder of the eye and external ear.
Molecular Mass	36 kDa
AA Sequence	MPDELTEPGRATPARASSFLIENLLAAEAKGAGRATQGDGSREDEEEDDDDPED AEQARRRRLQRRRQLLAGTGPGGEARARALLGPGALGLGPRPPPGPGPPFALGCG GAARWYPRAHGGYGGGLSPDTSRDRSPETGEEMGRAEGAWPRGPGPGAVQREA AELAARGPAAAGTEEASELAEVPAAGETRGGVGVGGGRKKKTRTVFSRSQVFQLE STFDLKRYLSSAERAGLAASLQLTETQVKIWFQNRNRNKWKRQLAAELEAASLSPPG AQRLVRVPVLYHESPPAAAAAGPPATLPFPLAPAAPPPPLLGFSGALAYPLAAFP AAASVPFLRAQMPGLVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 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

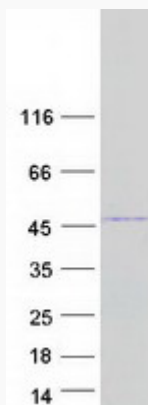
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	HMX1 H6 family homeobox 1 [Homo sapiens (human)]
Official Symbol	HMX1
Synonyms	HMX1; H6 family homeobox 1; H6; NKX5-3; homeobox protein HMX1; H6 homeodomain protein; homeobox protein H6
Gene ID	3166
mRNA Refseq	NM_018942
Protein Refseq	NP_061815
MIM	142992
UniProt ID	Q9NP08

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SDS-PAGE



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