

Product datasheet for PH317611

HMX1 (NM_018942) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HMX1 MS Standard C13 and N15-labeled recombinant protein (NP_061815)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217611
Predicted MW:	36 kDa
Protein Sequence:	>RC217611 representing NM_018942 Red=Cloning site Green=Tags(s) MPDELTEPGRATPARASSFLIENLLAAEAKGAGRATQGDGSRDEEEEDDDPEDEDAEQARRRRLQRRRQ LLAGTGPGGEARARALLGPGALGLGPRPPPGPPFALGCGGAARWYPRAHGGYGGGLSPDTSDRDSPET GEEMGRAEGAWPRGPGGAVQREAAELAARGPAAGTEEASELAEVPAAGETRGGVGVGGGRKKKTRTVF SRSQVFQLESTFDLKRYLSSAERAGLAASLQLTETQVKIWFQNRNKWKRLAAELEAASLSPPGAQRLV RVPVLYHESPPAAAAAGPPATLPFPLAPAAPPPPLLGFSGALAYPLAAFPAAASVPFLRAQMPGLV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_061815</u>
RefSeq Size:	1884
RefSeq ORF:	1044
Synonyms:	H6; NKX5-3
Locus ID:	3166



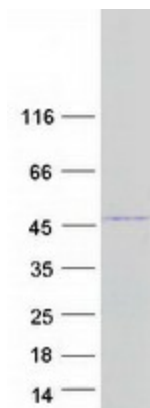
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UniProt ID: [Q9NP08](#)

Cytogenetics: 4p16.1

Summary: 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. [provided by RefSeq, Oct 2009]

Product images:



Coomassie blue staining of purified HMX1 protein (Cat# [TP317611]). The protein was produced from HEK293T cells transfected with HMX1 cDNA clone (Cat# [RC217611]) using MegaTran 2.0 (Cat# [TT210002]).