

Product datasheet for **TP317611**

HMX1 (NM_018942) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human H6 family homeobox 1 (HMX1), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC217611 representing NM_018942
Red=Cloning site **Green**=Tags(s)

MPDELTEPGRATPARASSFLIENLLAAEAKGAGRATQGDGSREDEEEDDDDPEDAEQARRRRLQRRRQ
LLAGTGPGGEARARALLGPGALGLGPRPPPGPGPPFALGCGGAARWYPRAHGGYGGGLSPDTSDRDSPET
GEEMGRAEGAWPRGPGPGAVQREAAELAARGPAAGTEEASELAEVPAAAGETRGGVGVGGGRKKKTRTVF
SRSQVFQLESTFDLKRYLSSAERAGLAASLQLTETQVKIWFQNRNKNWKRQLAAELEAASLSPGAQRLV
RVPVLYHESPPAAAAAGPPATLPFPLAPAAPPPPPLLGFSGALAYPLAAFPAAASVPFLRAQMPGLV

TRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

Tag: C-Myc/DDK

Predicted MW: 36 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_061815](#)

Locus ID: 3166



[View online »](#)

UniProt ID: [Q9NP08](#)

RefSeq Size: 1884

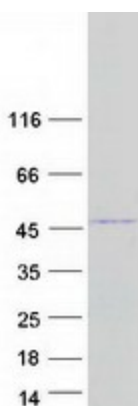
Cytogenetics: 4p16.1

RefSeq ORF: 1044

Synonyms: H6; NKX5-3

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]).