

Recombinant Human HMX1 Protein, GST-tagged

Cat. No. HMX1-4888H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HMX1 full-length ORF (AAI60031.1, 1 a.a. - 348 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Oct 2009]
Molecular Mass	64.68 kDa
AA Sequence	MPDELTEPGRATPARASSFLIENLLAAEAKGAGRATQGDGSREDEEEDDDDPED AEQARRRRLQRRRQLLAGTGPGGEARARALLGPGALGLPRPPPGPGPPFALGCG GAARWYPRAHGGYGGGLSPDTSRDRSPETGEEMGRAEGAWPRGPGPGAVQREA AELAARGPAAGTEEASELAEVPAAGETRGGVGVGGGRKKKTRTVFSRSQVFQLE STFDLKRYLSSAERAGLAASLQLTETQVKIWFQNRNKNWKRQLAAELEAASLSPPG AQRLVRVPVLYHESPPAAAAAGPPATLPFPLAAPAPPPPLLGFSGALAYPLAAFP AAASVPFLRAQMPGLV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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_001306142
Protein Refseq	NP_001293071
MIM	142992
UniProt ID	Q9NP08

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