

# Recombinant Full Length Human HMX1 Protein, GST-tagged

Cat. No. HMX1-3669HF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human HMX1 full-length ORF ( AAI60031.1, 1 a.a. - 348 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	348 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	64.68 kDa
<b>AA Sequence</b>	MPDELTEPGRATPARASSFLIENLLAAEAKGAGRATQGDGSREDEEEDDDDDPEDED AEQARRRRLLQRRRQLLAGTGPGGEARARALLGPGALGLGPRPPPGPGPPFALGCG GAARWYPRAHGGYGGGLSPDTSDRDSPETGEEMGRAEGAWPRGPGPGAVQREA AELAARGPAAAGTEEASELAEVPAAGETRGVGVGGGRKKKTRTVFSRSQVFQLE STFDLKRYLSSAERAGLAASLQLTETQVKIWFQNRNKKWKRQLAAELEAASLSPPG AQRLVRVPVLYHESPPAAAAAGPPATLPFPLAPAAPAPPPPLLGFSGALAYPLAAFP AAASVPFLRAQMPGLV

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	HMX1 H6 family homeobox 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	HMX1
<b>Synonyms</b>	HMX1; H6 family homeobox 1; H6; NKX5-3; homeobox protein HMX1; H6 homeodomain protein; homeobox protein H6
<b>Gene ID</b>	3166
<b>mRNA Refseq</b>	NM_001306142
<b>Protein Refseq</b>	NP_001293071
<b>MIM</b>	142992
<b>UniProt ID</b>	Q9NP08

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