

Recombinant Human HMX2 Protein, GST-tagged

Cat. No. HMX2-4889H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HMX2 partial ORF (NP_005510.1, 125 a.a. - 224 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	125-224 a.a.
Description	The protein encoded by this gene is a member of the NKL homeobox family of transcription factors. Members in this family are of ancient origin and play an important role in organ development during embryogenesis. A related mouse protein plays a role in patterning of inner ear structures. In humans, variations in a region containing this gene have been associated with inner ear malformations, vestibular dysfunction, and hearing loss. [provided by RefSeq, Aug 2012]
Molecular Mass	36.63 kDa
AA Sequence	PAGSPSPGSERPRDGG AERQAGAAKKKTRTVFSRSQVYQLESTFDMKRYLSSSER ACCLASSLQLTETQVKTW FQNRRNKWKRQLSAELEAANMAHASAQT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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

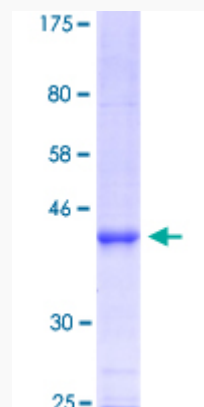
Gene Name	HMx2 H6 family homeobox 2 [Homo sapiens]
Official Symbol	HMx2
Synonyms	HMx2; H6 family homeobox 2; homeo box (H6 family) 2; homeobox protein HMx2; NKX5 2; H6 homeo box 2; homeobox (H6 family) 2; homeobox protein H6 family member 2; H6L; Nkx5-2;
Gene ID	3167
mRNA Refseq	NM_005519
Protein Refseq	NP_005510
MIM	600647
UniProt ID	A2RU54

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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