

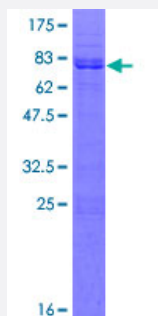
Full-Length

LHX2 (Human) Recombinant Protein (P01)

Catalog # H00009355-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LHX2 full-length ORF (NP_004780.3, 1 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLFHSLSGPEVHGVIDEMDRRAKSEAPAISSAIDRGDTETTMPSISSDRAALCAGCGGKISDRYYL
LAVDKQWHMRCLKCCECKLNLESELTCFSKDGSYCKEDYRRFSVQRCARCHLGISASEMVMR
ARDLVYHLNCFCTTCNKMLTTGDHFGMKDSLVCRLHFEALLQGEYPAHFNHADVAAAAAAAAA
AAKSAGLGAAGANPLGLPYNGVGTQKGRPRKRKSPGPGADLAAYNAALSCNENDA EHLDRD
QPYPSSQKTKRMRTSFKHHQLRTMKSYFAINHNPDAKDLKQLAQKTGLTKRVLQVWFQNARAKF
RRNLLRQENTGVDKSTDAALQTGTPSGPASELSNASLSPSSTPTTLTDLTSPTLPTVTSVLTSPVG
NLEGHEPHSPSQTTLTNLF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.8

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LHX2

Entrez GeneID	9355
GeneBank Accession#	NM_004789.3
Protein Accession#	NP_004780.3
Gene Name	LHX2
Gene Alias	LH2, MGC138390, hLhx2
Gene Description	LIM homeobox 2
Omim ID	603759
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein belonging to a large protein family, members of which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator. The protein can recapitulate or rescue phenotypes in Drosophila caused by a related protein, suggesting conservation of function during evolution. [provided by RefSeq]
Other Designations	LIM HOX gene 2 LIM homeobox protein 2 OTTHUMP00000022092