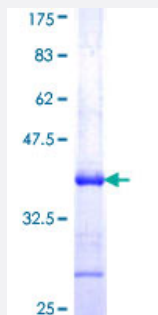


# LHX1 (Human) Recombinant Protein (Q01)

Catalog # H00003975-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human LHX1 partial ORF ( NP_005559, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MVHCAGCKRPILDRFLLNVLDRAWHVKCVQCCECKCNLTEKCFSSREGKLYCKNDFFRCFGTKC AGCAQGISPDLVRRARSKVFHLNCFCTMMC�KQLST
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (100)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — LHX1

Entrez GeneID	<a href="#">3975</a>
GeneBank Accession#	<a href="#">NM_005568</a>
Protein Accession#	<a href="#">NP_005559</a>
Gene Name	LHX1
Gene Alias	LIM-1, LIM1, MGC126723, MGC138141
Gene Description	LIM homeobox 1
Omim ID	<a href="#">601999</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of a large protein family which contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator and be involved in control of differentiation and development of neural and lymphoid cells. A similar protein in mice is an essential regulator of the vertebrate head organizer. [provided by RefSeq]
Other Designations	LIM homeobox protein 1