

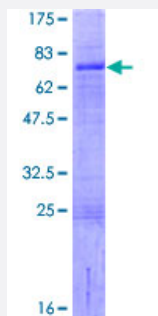
Full-Length

LHX9 (Human) Recombinant Protein (P01)

Catalog # H00056956-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LHX9 full-length ORF (NP_064589.2, 1 a.a. - 397 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEIVGCRAEDNSCPFRPPAMLFHGISGGHIQGIMEEMERRSKTEARLAKGAQLNGRDAGMPPLS
PEKPALCAGCGKISDRYLLAVDKQWHLRCLKCCECKLALESELTCFAKDGSYCKEDYYRRFS
VQRCARCHLGISASEMVMRARDSVYHLSCFTCTCNKLTGTDHFGMKDSLVCRAHFETLLQG
EYPPQLSYTELAAKSGGLALPYFNGTGTQKGRPRKRKSPALGVDIVNNSGCNENEADHLDRD
QQPYPPSQKTKRMRTSFKHHQLRTMKSIFYAINHNPDADKDLKQLAQKTGLTKRVLQVWFQNARAK
FRRNLLRQENGVDKADGTSLPAPPSADSGALTPPGTATLTDLTNPTITVVTSVTSNMDSHESG
SPSQTTLTNLF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.4

Interspecies Antigen Sequence

Mouse (98); 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 — LHX9

Entrez GeneID	56956
GeneBank Accession#	NM_020204.2
Protein Accession#	NP_064589.2
Gene Name	LHX9
Gene Alias	-
Gene Description	LIM homeobox 9
Omim ID	606066
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the LIM homeobox gene family of developmentally expressed transcription factors. The encoded protein contains a homeodomain and two cysteine-rich zinc-binding LIM domains involved in protein-protein interactions. The protein is highly similar to a mouse protein that causes gonadal agenesis when inactivated, suggesting a role in gonadal development. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	OTTHUMP00000033675 OTTHUMP00000033678