

Full-Length

LHX8 (Human) Recombinant Protein (P01)

Catalog # H00431707-P01

Size 50 ug

Specification

Product Description	Human LHX8 full-length ORF (AAH40321.1, 1 a.a. - 356 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MQILSRCQGLMSEECGRRTALAAGRTRKGAGEEGLVSPEGAGDEDESCSSSAPLSPSSSPRSMASGSGCPPGKVCVNSCGLEIVDKYLLKVNDLCWHVRCLSCSVCRTSLGRHTSCYIKDKDIFCKLDYFRRYGTRCSRCGRHIHSTDWVRRAKGNVYHLACFACFSCKRQLSTGEEFALVEEKVLCRVHYDCMLDNLKREVENGNISVEGALLTEQDVNHPKPAKRARTSFTADQLQVMQAQFAQDNNPDAQTLQKLAERTGLSRRVIQVWFQNCRARHKKHVSPNHSSSTPVTAAAPPSRLSPPMLEEMAYSAYVPQDGTMLTALHSYMDAHSPTTLGLQPLLPHSMTQLPISHT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	65.56
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — LHX8

Entrez GeneID [431707](#)

GeneBank Accession# [BC040321.1](#)

Protein Accession# [AAH40321.1](#)

Gene Name LHX8

Gene Alias Lhx7

Gene Description LIM homeobox 8

Omim ID [604425](#)

Gene Ontology [Hyperlink](#)

Gene Summary Members of the LIM homeobox gene family, such as LHX8, encode transcription regulators that share common structural features. They all contain 2 tandemly repeated cysteine-rich double-zinc finger motifs, called LIM domains, in addition to a homeodomain. The homeodomain is a DNA-binding domain, and the LIM domains are essential for regulating the activity of these molecules by interacting with other proteins. Members of the LIM homeobox gene family are required for the patterning or the specification and differentiation of different cell types during embryonic development (Zhao et al., 1999 [PubMed 10611327]).[supplied by OMIM]

Other Designations LIM-homeodomain protein Lhx8|OTTHUMP00000011261

Disease

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- [Genetic Predisposition to Disease](#)
- [Ovarian Failure](#)
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