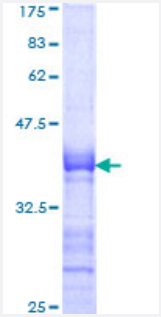
LHX4 (Human) Recombinant Protein (Q01)

Catalog # H00089884-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LHX4 partial ORF (NP_203129, 208 a.a. - 306 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RRAKEKRLKKDAGRHRWGQFYKSVKRSRGSSKQEKESSAEDCGVSDSELSFREDQILSELGHTNRIYGNVGDVTGGQLMNGSFSMDGTGQSYQDLRDGS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
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 — LHX4

Entrez GeneID	89884
GeneBank Accession#	NM_033343
Protein Accession#	NP_203129
Gene Name	LHX4
Gene Alias	Gsh-4, Gsh4
Gene Description	LIM homeobox 4
Omim ID	602146 606606
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of a large protein family which contains the LIM domain, a unique c ysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator and be involved in control of differentiation and development of the pituitary gland. Mutations in thi s gene are associated with syndromic short stature and pituitary and hindbrain defects. An alterna tive splice variant has been described but its biological nature has not been determined. [provide d by RefSeq
Other Designations	LIM homeobox protein 4|OTTHUMP00000033083

Disease

- Hypopituitarism