

## Product datasheet for **TP761775**

### LHX4 (NM\_033343) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human LIM homeobox 4 (LHX4), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length LHX4
Tag:	N-GST and C-His
Predicted MW:	70.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_203129</a>
Locus ID:	89884
UniProt ID:	<a href="#">Q969G2</a> , <a href="#">A0A0S2Z5S4</a>
RefSeq Size:	1909
Cytogenetics:	1q25.2
RefSeq ORF:	1170
Synonyms:	CPHD4



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**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 is a transcription factor involved in the control of differentiation and development of the pituitary gland. Mutations in this gene cause combined pituitary hormone deficiency 4. [provided by RefSeq, Dec 2010]

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**