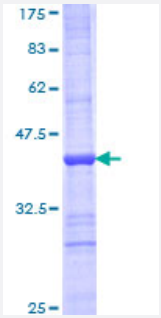
LOXL3 (Human) Recombinant Protein (Q01)

Catalog # H00084695-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LOXL3 partial ORF (NP_115992, 171 a.a. - 270 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	IRPAVGWGRRPLPVTEGLVEVRLPDGWSQVCDKGWSAHNSHVVCGMLGFPSEKRVNAAFYRL LAQRQQHSFGLHGVACVGTEAHLSLCSLEFYRANDTAR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (90); Rat (90)
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 — LOXL3

Entrez GeneID	84695
GeneBank Accession#	NM_032603
Protein Accession#	NP_115992
Gene Name	LOXL3
Gene Alias	LOXL
Gene Description	lysyl oxidase-like 3
Omim ID	607163
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the lysyl oxidase gene family. The prototypic member of the family is essential to the biogenesis of connective tissue, encoding an extracellular copper-dependent amine oxidase that catalyses the first step in the formation of crosslinks in collagens and elastin. A highly conserved amino acid sequence at the C-terminus end appears to be sufficient for amine oxidase activity, suggesting that each family member may retain this function. The N-terminus is poorly conserved and may impart additional roles in developmental regulation, senescence, tumor suppression, cell growth control, and chemotaxis to each member of the family. Alternatively spliced transcript variants of this gene have been reported but their full-length nature has not been determined. [provided by RefSeq
Other Designations	lysyl oxidase homolog 3

Disease

- Genetic Predisposition to Disease

- Intracranial Aneurysm