

Full-Length

LOXL4 (Human) Recombinant Protein (P01)

Catalog # H00084171-P01

Size 50 ug

Specification

Product Description	Human LOXL4 full-length ORF (BAD18762.1, 1 a.a. - 756 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAWSPPATLFLFLLLGQPPPSRPQSLGTTKLRLVGPESKPEEGRLEVLHQGQWGTVCDDNFAI QEATVACRQLGFEEALWAHSAKYQGEGPIWLDNVRCVGTESLDDQCGSNGWGVSDCSHSE DVGIVCHPRRHRGYLSETVSNALGPQGRRLLEEVRKLPILASAKQHSPVTEGAVEVKYEGHWRQV CDQGWMTMNSRVVCGMLGFPSEVPVDSHYRKVWDLKMRDPKSRLKSLTNKNSFWIHQVTCL GTEPHMANCQVQVAPARGKLRPACPGGMHAVVSCVAGPHFRPPKTRPQRKGSWAEPRVRL RSGAQVGEGRVEVLMNRQWGTVCDDRWNLISASVVCRLGFGSAREALFGARLGQGLGPIHLS EVRRCRGYERTLSDCPALEGSQNGCQHENDAAVRCNPNMGFQNVRLAGGRIPPEEGLLEVQVE VNGVPRWGSVCSENWGLTEAMVACRQLGLGFIAHAYKETWFWSGTPRAQEVVMSGVRCSGTE LALQQCQRHGPVHCSHGGGRFLAGVSCMDSAPDLVMNAQLVQETAYLEDRLPSQLYCAHEEN CLSKSADHMDWPYGYRLLRFSTQYNLGRDTRPKTGRDSWVWHQCHRYHSIEVFTHYDLLTL NGSKVAEGHKASFCELTNCPTGLQRRYACANFGEQGVTVGCWDTYRHDIDCQWVDITDVGP NYIFQVIVNPHYEVAESDFSNNMLQCRCKYDGHVRVWLHNCHTGNSTYPANAELSLEQEQLRNNLI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	110.9
Interspecies Antigen Sequence	Mouse (86); Rat (85)
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 — LOXL4

Entrez GeneID [84171](#)

GeneBank Accession# [AK172781.1](#)

Protein Accession# [BAD18762.1](#)

Gene Name LOXL4

Gene Alias FLJ21889, LOXC

Gene Description lysyl oxidase-like 4

Omim ID [607318](#)

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. [provided by RefSeq]

Other Designations OTTHUMP00000020243|lysyl oxidase homolog 4|lysyl oxidase related C

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Intracranial Aneurysm](#)