

Recombinant Human LOXL4 protein, GST-tagged

Cat. No. LOXL4-2157H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LOXL4 fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	110.9 kDa
AA Sequence	MAWSPPATLFLFLLLLGQPPPSRPQSLGTTKLRLVGPESKPEEGRLEVLHQGWGT VCDDNFAIQEATVACRQLG FEAALTWAHSAKYQGEGPIWLDNVRCVGTSSLDQ CGSNGWGVSDCSHSEDVGVICHPRRHRGYLSETVSNALG PQGRRLEEVRLKPILA SAKQHSPVTEGAVEVKYEGHWRQVCDQGWTMNNSRVVCGMLGFPSEVPVDSHY YRKVWD LKMRDPKSRLKSLTNKNSFWIHQVTCLGTEPHMANCQVQVAPARGKLRP ACPGGMHAVVSCVAGPHFRPPKTRPQ RKGSWAEEPRVRLRSGAQVGEGRVEVL MNRQWGTVCDHRWNLISASVVCRLGFGSAREALFGARLGQGLGPIHL SEVRCR GYERTLSDCPALEGSQNGCQHENDAAVRCNVPNMGFQNVRLAGGRIPEEGLLEV QVEVNGVPRWGSVC SENWGLTEAMVACRQLGLGFIAHAYKETWFWSGTPRAQEV VMSGVRCSGTELALQQCQRHGPVHCSHGGGRFLAG VSCMDSAPDLVMNAQLVQ ETAYLEDRLPSQLYCAHEENCLSKSADHMDWPYGYRLLRFSTQIYNLGRDTRPK T GRDSWVWHQCHRHYSIEVFTHYDLLTLNGSKVAEGHKASFCLDTNCPTGLQR RYACANFGEQGVTVGCWDTYR HDIDCQWVDITDVGPNGYIFQVIVNPHYEVAESD

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	FSNNMLQCRCKYDGHVRWLHNCHTGNSYPANAELSLEQEQRLRNLI
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
GENE INFORMATION	
Gene Name	LOXL4 lysyl oxidase-like 4 [Homo sapiens]
Official Symbol	LOXL4
Synonyms	LOXL4; lysyl oxidase-like 4; lysyl oxidase homolog 4; FLJ21889; LOXC; lysyl oxidase related C; lysyl oxidase-like protein 4; lysyl oxidase-like 4 pseudogene; lysyl oxidase-related protein C;
Gene ID	84171
mRNA Refseq	NM_032211
Protein Refseq	NP_115587
MIM	607318
UniProt ID	Q96JB6
Chromosome Location	10q24

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Pathway	Assembly of collagen fibrils and other multimeric structures, organism-specific biosystem; Collagen formation, organism-specific biosystem; Crosslinking of collagen fibrils, organism-specific biosystem
Function	copper ion binding; metal ion binding; oxidoreductase activity; protein binding; protein-lysine 6-oxidase activity; scavenger receptor activity;

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