

Recombinant Full Length Human LOXL4 Protein, GST-tagged

Cat. No. LOXL4-577HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human LOXL4 fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	756 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	110.9 kDa
AA Sequence	MAWSPPATLF LFLLLLQPP PSRPQSLGTT KLRLVGPESK PEEGRLEVLH QGQWGTVCDD NFAIQEATVA CRQLGFEEAL TWAHSAKYGQ GEGPIWLDNV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RCVGTSSL D QCGSNGWGV S DCSHSE D VGV ICHPRRHRGY LSETVSNALG
 PQGRRLEEV R LKPILASAKQ HSPVTEGAVE VKYEGHW RQV CDQGWTM NNS
 RVVCGMLGF P SEVPVDSHYY RKVWDLKMRD PKSRLKSLTN KNSFWIHQVT
 CLGTEPHMAN CQVQVAPARG KLRPACPGGM HAVVSCVAGP HFRPPKTRPQ
 RKGSWAE EPR VRLRSGAQVG EGRVEVLMNR QWGTVCDHRW NLISASVVCR
 QLGFGSAREA LFGARLGQGL GPIHLSEVRC RGYERTLSDC PALEGSQNGC
 QHENDAAVRC NVPNMGFQNN VRLAGGR IPE EGLLEVQVEV NGVPRWGSVC
 SENWGLTEAM VACRQLGLGF AIHAYKETWF WSGTPRAQEV VMSGVRCSGT
 ELALQQCQRH GPVHC SHGGG RFLAGVSCMD SAPDLMNAQ LVQETAYLED
 RPLSQLYCAH EENCLSKSAD HMDWPYGYRR LLRFSTQIYN LGRTDFRPKT
 GRDSWVWHQC HRHYHSIEVF THYDLLTLNG SKVAEGHKAS FCLEDTNCPT
 GLQRRYACAN FGEQGVTVGC WDTYRHDIDC QWVDITDVGP GNYIFQVIVN
 PHYEVAESDF SNNMLQCRCK YDGH RVWLHN CHTGNSYPAN AELSLEQEQR
 LRNNLI

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Gene ID	84171
mRNA Refseq	NM_032211
Protein Refseq	NP_115587
MIM	607318
UniProt ID	Q96JB6

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA