

Active Recombinant Human LOXL2 protein, His-tagged

Cat. No. LOXL2-329H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LOXL2 protein(Q9Y4K0) (Met 1-Gln 774) was expressed in CHO, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	CHO
ProteinLength	1-774 aa
Form	Supplied as sterile 20 mM MES, 50 mM NaCl.
Bio-activity	Measured by its ability to produce hydrogen peroxide during the oxidation of benzylamine. The specific activity is >2pmol/min/μg.
Molecular Mass	The recombinant human LOXL2 consists of 760 amino acids and has a predicted molecular mass of 85.5 kDa.
AASequence	QYDSWPHYPEYFQQPAPEYHQPAQANVAKIQLRLAGQKRKHSEGRVEVYYDGGQ WGTVCDDDFSIAAAHVVCRELGYVEAKSWTASSSYGKGEGPIWLDNLHCTGNEAT LAACTSNWGWVTDCKHTEDVGVVCS DKRIPGFKFDNSLINQIENLNIQVEDIRIRAILS TYRKRTVPMEGYVEVKEGKTWKQICDKHWTAKNSRVVCGMFGFPGERTYNTKVYK MFASRRKQRYWPFSDCTGTEAHISSCKLGPQVSLDPMKNVTCENGLPAVVSCVP GQVFSPDGP SRFRKAYKPEQPLVRLRGGAYIGEGRVEVLKNGEWGTVCD DKWDLV SASVVCRELGF GSAKEAVTGSRLGQGIGPIHLNEIQCTGNEKSIIDCKFNAESQGCN HEEDAGVRCNTPAMGLQKKLRLNGGRNPYEGRVEVLVERNGSLVWGMVCGQNW

 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

GIVEAMVVCRLGLGFASNAFQETWYWHGDVNSNKVVMMSGVKCSGTELSLAHCR
 HDGEDVACPQGGVQYGAGVACSETAPDLVLNAEMVQQTTYLEDPRPMFMLQCAME
 ENCLSASAAQTDPTTGYRLLRFSSQIHNNQSDFRPKNGRHAWIWHDCRHHYHS
 MEVFTHYDLLNLNGTKVAEGHKASFLEDTECEGDIQKNYECANFGDQGITMGCW
 DMYRHDIDCQWVDITDVPPGDYLFQVVINPNFEVAESDYSNNIMKCRSRYDGHRIW
 MYNCHIGGSFSEETEKKFEHFSGLLNNQLSPQAHHHHHHHHHH

Endotoxin 1.0 EU per 1µg cytokine as determined by the LAL method.

Purity (67+30)% as determined by SDS-PAGE.

Storage Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted and be used as soon as possible. Avoid repeated freeze-thaw cycles.

Concentration 0.1-1.0 mg/ml

GENE INFORMATION

Gene Name LOXL2 lysyl oxidase-like 2 [Homo sapiens]

Official Symbol LOXL2

Synonyms LOXL2; lysyl oxidase-like 2; lysyl oxidase homolog 2; WS9 14; lysyl oxidase related 2; lysyl oxidase-like protein 2; lysyl oxidase-related protein 2; lysyl oxidase-related protein WS9-14; LOR2; WS9-14;

Gene ID 4017

mRNA Refseq NM_002318

Protein Refseq NP_002309

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

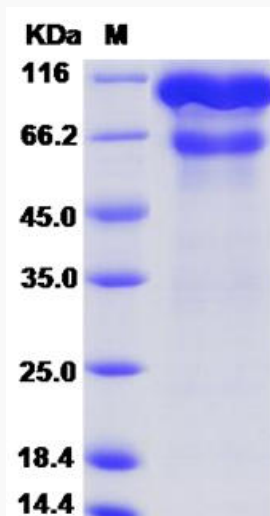
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

MIM 606663

UniProt ID Q9Y4K0

SDS-PAGE



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