

Recombinant Human LOX protein, His-SUMO & Myc-tagged

Cat. No. LOX-3180H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LOX protein(P28300)(169-417aa), fused to N-terminal His tag and SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	169-417aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	49 kDa
AA Sequence	DDPYNPYKYSDDNPYYNYYDTYERPRPGGRYRPGYGTGYFQYGLPDLVADPYYIQ ASTYVQKMSMYNLRCAAEEENCLASTAYRADVRDYDHRVLLRFPQRVKNQGTSDFL PSRPRYSWEWHSCHQHYHSMDEFSHYDLLDANTQRRVAEGHKASFCLEDTSCDY GYHRRFACTAHTQGLSPGCYDTYGADIDCQWIDITDVKPGNYILKVSVNPSYLVPE DYTNVVRCDIRYTGHHAYASGCTISPY
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

 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

repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	LOX lysyl oxidase [Homo sapiens]
Official Symbol	LOX
Synonyms	LOX; lysyl oxidase; protein-lysine 6-oxidase; MGC105112;
Gene ID	4015
mRNA Refseq	NM_001178102
Protein Refseq	NP_001171573
MIM	153455
UniProt ID	P28300

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