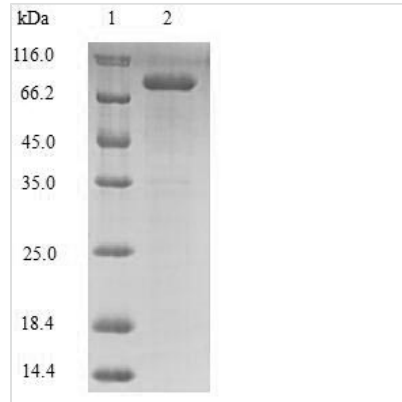




# Recombinant Human Protein-lysine 6-oxidase(LOX)

<b>Product Code</b>	CSB-BP013038HU
<b>Relevance</b>	Responsible for the post-translational oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin (PubMed:26838787). Regulator of Ras expression. May play a role in tumor suppression. Plays a role in the aortic wall architecture
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P28300
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Protein
<b>Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	DDPYNPYKYSDDNPYYNYDYTYERPRPGGRYRPGYGTGYFQYGLPDLVADP YYIQASTYVQKMSMYNLRCAAEEENCLASTAYRADVRDYDHRVLLRFPQRVKN QGTSDFLPSRPRYSWEWHSCHQHYSMDEFSHYDLLDANTQRRVAEGHKA SFCLEDTSCDYGYHRRFACTAHTQGLSPGCYDYGADIDCQWIDITDVKPGNY ILKVSVNPSYLVPESDYTNNVVRCDIRYTGHHAYASGCTISPY
<b>Lead Time</b>	3-7 business days
<b>Research Area</b>	Signal Transduction
<b>Source</b>	Baculovirus
<b>Gene Names</b>	LOX
<b>Protein Names</b>	Lysyl oxidase
<b>Expression Region</b>	169-417aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal MBP-tagged and C-terminal 6xHis-tagged
<b>Mol. Weight</b>	73.0 kDa
<b>Protein Description</b>	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.