

Lysyl Oxidase Human Recombinant

Item Number	rAP-1440
Synonyms	Lysyl Oxidase, EC 1.4.3.13, Protein-lysine 6-oxidase, Lysyl oxidase.
Description	LOX Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 272 amino acids (169-417a.a) and having a molecular mass of 31.4kDa.LOX is fused to a 23 amino acid His-tag at N-terminus
Uniprot Accession Number	P28300
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSDDPYNPY KYSDDNPYYN YYDTYERPRP GGRYRPGYGT GYFQYGLPDL VADPYYIQAS TYVQKMSMYN LRCAAEEENCL ASTAYRADVR DYDHRVLLRF PQRVKNQGTS DFLPSRPRYS WEWHSCHQHY HSMDEFSHYD LLDANTQRRV AEGHKASFCL EDTSCDYGYH RRFACHTAQ GLSPGCYDTY GADIDCQWID ITDVKPGNYI LKVSVNPSYL VPESDYTNNV VRCDIRYTGH HAYASGCTIS PY.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	LOX protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**