

Recombinant Rat Protein-lysine 6-oxidase(Lox)

Catalog No: #AP70508

Package Size: #AP70508-1 20ug #AP70508-2 100ug #AP70508-3 1mg

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Description

Product Name	Recombinant Rat Protein-lysine 6-oxidase(Lox)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:163-411aaSequence Info:Full Length
Other Names	Lysyl oxidase
Accession No.	P16636
Calculated MW	33 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DDPYNPYKYSDDNPPYNNYDITYERPRSGSRHRPGYGTGYFQYGLPDLVPDPYYIQASTYVQKMSMYNLRCA AEENCLASSAYRADVRDYDHRVLLRFPQRVKNQGTSDFLPSRPRYSWEWHSCHQHYHSMDEFESHYDLLDA STQRRVAEGHKASFCLDTSCDYG YHRRFACTAHTQGLSPGCYDTYAADIDCQWIDITDVQPGNYILKVS VNP SYLVPESDYSNNVVRCEIRYTGHHAYASGCTISPY
Formulation	Tris-based buffer50% glycerol
Storage	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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Responsible for the post-translational oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin.

References

Metalloproteinase activity secreted by fibrogenic cells in the processing of prollysyl oxidase. Potential role of procollagen C-proteinase.Panchenko M.V., Stetler-Stevenson W.G., Trubetskoy O.V., Gacheru S.N., Kagan H.M.J. Biol. Chem. 271:7113-7119(1996) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.