

Recombinant human Protein-lysine 6-oxidase

Catalog No: #AP72337



Package Size: #AP72337-1 20ug #AP72337-2 100ug #AP72337-3 1mg

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Description

Product Name	Recombinant human Protein-lysine 6-oxidase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:174-417aaSequence Info:Partial
Other Names	Lysyl oxidase
Accession No.	P28300
Uniprot	P28300
GeneID	4015;
Calculated MW	32.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	PYKYSDDNPYNYDYTYERPRPGGRYPGYGTGYFQYGLPDLVADPYYIQASTYVQKMSMYNLRCAAEEENC LASTAYRADVRDYDHRVLLRFPQRVKNQGTSDFLPSRPRYSWEWHSCHQHYHSMDEFSHYDLLDANTQRR VAEGHKASFCLTDSCDYGYHRRFACTAHTQGLSPGCYDYGADIDCQWIDITDVKPGNYILKVSVNPSYLV ESDYTNVVRCDIRYTGHHAYASGCTISPY
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. In addition to cross-linking of Extracellular domain matrix proteins, may have a direct role in tumor suppression.

References

Molecular cloning of human lysyl oxidase and assignment of the gene to chromosome 5q23.3-31.2.Haemaelaenein E.-R., Jones T.A., Sheer D., Taskinen K., Pihlajaniemi T., Kivirikko K.I.Genomics 11:508-516(1991)Research Topic:Signal Transduction

Note: This product is for in vitro research use only