Recombinant Mus musculus Lysyl oxidase homolog 1

Catalog No: #AP72654

Package Size: #AP72654-1 20ug #AP72654-2 100ug #AP72654-3 1mg

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Description

Product Name	Recombinant Mus musculus Lysyl oxidase homolog 1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:95-607aaSequence Info:Full Length
Other Names	Hematopoietin-1
Accession No.	P97873
Uniprot	P97873
GeneID	16949;
Calculated MW	58.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	RQAPSLPLPGRVGSDTVRGQTRHPFGFGQVPDNWREVAVGDSTGMARARTSVSQQRHGGSASSSVSASAFATTYRQPSPYPQQFPYPQAPFVNQYENYDPASRTYEQGYVYYRGAGGGMGAGAAAVASAGVIYPFQPRARYEDYGGGGGEEQPEYPAQGFYPAPERPYVPQPQPQPQPQPQPQPQPSDGLDRRYSHSLYNEGTPGFEQAYPDPSTDVSQAPAGAGGTYGGAGDPRLGWYPPYAANVPPEAYVPPRAVEPQPPFRVLEPPYLPVRSSDAPSQGGERNGAQQGRLSVGSVYRPNQNGRGLPDLVPDPNYVQASTYVQRAHLYSLRCAAEEKCLASTAYAPEATDYDLRVLLRFPQRVKNQGTADFLPNRPRHTWEWHSCHQHYHSMDEFSHYDLLDASTGKKVAEGHKASFCLEDSTCDFGNLKRYACTSHTQGLSPGCYDTYNADIDCQWIDITDVQPGNYILKVHVNPKYIVLESDFTNNVVRCNIHYTGRYVSTTNCKIVQS
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

Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells.

References

"Comparative sequence analysis of cytokine genes from human and nonhuman primates."Villinger F.J., Brar S.S., Mayne A.E., Chikkala N., Ansari A.A.J. Immunol. 155:3946-3954(1995)Research Topic:Others

Note: This product is for in vitro research use only