

Product datasheet for TP790154

LOX (NM_002317) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Purified recombinant protein of Human lysyl oxidase (LOX), with C-terminal DDK tag, secretory expressed in CHO cells, 20ug Species: Human **Expression Host:** CHO **Expression cDNA Clone** A DNA sequence from TrueORF clone, RC213323, encoding the region Asp169-Tyr417 of LOX or AA Sequence: C-DDK Tag: Predicted MW: 32 kDa **Concentration:** >0.05 µg/µL as determined by Bradford protein assay **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stable for 12 months from the date of receipt of the product under proper storage and Stability: handling conditions. Avoid repeated freeze-thaw cycles. NP 002308 **RefSeq:** Locus ID: 4015 **UniProt ID:** P28300, D0PNI2 **RefSeq Size:** 1946 Cytogenetics: 5q23.1 **RefSeq ORF:** 1251 Synonyms: AAT10



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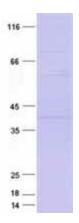
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Summary: This gene encodes a member of the lysyl oxidase family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate a regulatory propeptide and the mature enzyme. The copper-dependent amine oxidase activity of this enzyme functions in the crosslinking of collagens and elastin, while the propeptide may play a role in tumor suppression. In addition, defects in this gene have been linked with predisposition to thoracic aortic aneurysms and dissections. [provided by RefSeq, Jul 2016]

Protein Families: Druggable Genome, Secreted Protein

Product images:



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