

# Product datasheet for TP700002

### LOX (NM\_002317) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Recombinant protein of N-terminal propeptide (LOXPP) of human lysyl oxidase (LOX), with Cterminal DDK/His tag, expressed in human cells Species: Human **Expression Host:** HEK293T **Expression cDNA Clone** A DNA sequence from TrueORF clone, RC213323, encoding the propeptide (Ala22-Gly168) of or AA Sequence: human LOX C-DDK/His Tag: Predicted MW: 17 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** PBS, pH 7.4, 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. **RefSeq:** NP 002308 Locus ID: 4015 **UniProt ID:** P28300 **RefSeq Size:** 1946 Cytogenetics: 5q23.1 **RefSeq ORF:** 1251 Synonyms: AAT10



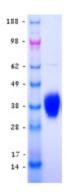
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	LOX (NM_002317) Human Recombinant Protein – TP700002
Summary:	This gene encodes a member of the lysyl oxidase family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically 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 Familie	es: Druggable Genome, Secreted Protein

## **Product images:**



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