

Active Recombinant Human LOXL2, His-tagged

Cat. No. LOXL2-288H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LOXL2 (Accession # AAH00594) Met1-Gln774, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	1-774 a.a.
Predicted N Terminal	Low recovery, Gln26 predicted
Form	Supplied as a 0.2 µ filtered solution in MES and NaCl.
Bio-activity	Measured by its ability to produce hydrogen peroxide during the oxidation of benzylamine. The specific activity is >2 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human LOXL2, His-tagged has a calculated MW of 85 kDa. In SDS-PAGE migrates as 100-110 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

months (-70°C).

GENE INFORMATION

Gene Name	LOXL2 lysyl oxidase-like 2 [Homo sapiens]
Official Symbol	LOXL2
Synonyms	LOXL2; lysyl oxidase-like 2; lysyl oxidase homolog 2; WS9 14; lysyl oxidase related 2; lysyl oxidase-like protein 2; lysyl oxidase-related protein 2; lysyl oxidase-related protein WS9-14; LOR2; WS9-14;
Gene ID	4017
mRNA Refseq	NM_002318
Protein Refseq	NP_002309
MIM	606663
UniProt ID	Q9Y4K0
Chromosome Location	8p21.3

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