



AVISCERA BIOSCIENCE

HUMAN SOLUBLE LECTIN-TYPE OXIDIZED LDL RECEPTOR 1 (LOX1) RECOMBINANT

Product Information

Code	00006-06-10
Name	Soluble LOX-1 (Human) Rec.
Lot No.	
Size	10 µg
Species	Human
Sequence	Ser61-Gln273
Protein ID	NP_002534
Gene ID	NM_002543.3
MW	30-35 KD (Reduce)
Tag	His Tag
Source	Human cells
Purity	>85% in SDS-PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	0.1% BSA
Storage	-20 °C ~ -70 °C
Reconstitution	100 µl
Application	Cell Biology

Description

A DNA sequence encoding the extracellular domain of human LOX-1 (Ser61-Gln273) was expressed on human HEK293 cells with a polyhistidine tag on its N-terminus. The recombinant human soluble LOX-1 has a predicted molecular mass of 26.5 kDa. As a result of glycosylation, it migrates as an approximately 30-35 kDa band in SDS-PAGE under reduce conditions and 60-70 kDa under non-reduce condition.

Formulation

Lyophilized 10 µg of human soluble LOX-1 in 50 µl of PBS contains 0.1% BSA

Reconstitution & Storage

Add 50 µl TBS, pH 8.0 to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (12 months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: human Soluble LOX-1 (Ser61-Gln273)

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

AVISCERA BIOSCIENCE, INC

2348 WALSH AVE., SUITE C

SANTA CLARA, CA 95051

USA

TEL: (408) 982 0300

Sales@AvisceraBioscience.com

www.AvisceraBioscience.com

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