

Recombinant Human LPO Protein (Val283-Asn702), His tagged

Cat. No. LPO-2808H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LPO (Val283-Asn702) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val283-Asn702
Description	Antimicrobial agent which utilizes hydrogen peroxide and thiocyanate (SCN) to generate the antimicrobial substance hypothiocyanous acid (HOSCN). May contribute to airway host defense against infection.
Molecular Mass	49.04 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.

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Reconstitution Reconstitute in sterile water for a stock solution.

Shipping In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name LPO lactoperoxidase [Homo sapiens (human)]

Official Symbol LPO

Synonyms LPO; lactoperoxidase; SPO; salivary peroxidase; MGC129990; MGC129991;

Gene ID 4025

mRNA Refseq NM_001160102

Protein Refseq NP_001153574

MIM 150205

UniProt ID P22079

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