Recombinant Human LPO Protein, MYC/DDK-tagged

Cat. No. LPO-855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LPO protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the peroxidase family of proteins. The encoded preproprotein is proteolytically processed to generate the mature enzyme. Following its secretion from salivary, mammary, and other mucosal glands, this enzyme catalyzes the generation of the antimicrobial substance hypothiocyanous acid. This gene is present in a gene cluster on chromosome 17. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed. [provided by RefSeq, Jan 2016].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	77.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	lactoperoxidase[Homo sapiens]
Official Symbol	LPO
Synonyms	SPO
Gene ID	4025
mRNA Refseq	NM_001160102.1
Protein Refseq	NP_006142
MIM	150205
UniProt ID	P22079

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