Recombinant Human LPO Protein, GST-tagged

Cat. No. LPO-4714H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LPO full-length ORF (1 a.a. - 177 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an oxidoreductase secreted from salivary, mammary, and other mucosal glands that functions as a natural antibacterial agent. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Molecular Mass	45.6 kDa
AA Sequence	MSSETPTSRQLSEYLKHAKGRTRTAIRNGQVWEESLKRLRQKASLTNVTDPSLDLT SLSLEVGCGAPAPVVRCDPCSPYRTITGDCNNRWRGLGCGGRPFQPLRPALPRPL SLGHSRQICHCLAHLGWRSHLPHLLKIARLQPSPSSPLCVSGSGTFPRGGGAPRLQ GVGAVQRPQI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	LPO lactoperoxidase [Homo sapiens]
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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