Recombinant Human CLC, GST-tagged

Cat. No. CLC-11272H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLC protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-142a.a.
Description	Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene is a lysophospholipase expressed in eosinophils and basophils. It hydrolyzes lysophosphatidylcholine to glycerophosphocholine and a free fatty acid. This protein may possess carbohydrate or IgE-binding activities. It is both structurally and functionally related to the galectin family of beta-galactoside binding proteins. It may be associated with inflammation and some myeloid leukemias.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

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Gene Name	CLC Charcot-Leyden crystal protein [Homo sapiens]
Official Symbol	CLC
Synonyms	CLC; Charcot-Leyden crystal protein; eosinophil lysophospholipase; galectin 10; LGALS10; LPPL_HUMAN; lysolecithin acylhydrolase; MGC149659; galectin-10; GAL10; Gal-10; LGALS10A;
Gene ID	1178
mRNA Refseq	NM_001828
Protein Refseq	NP_001819
MIM	153310
UniProt ID	Q05315
Chromosome Location	19q13.1
Function	carboxylesterase activity; hydrolase activity; lysophospholipase activity; sugar binding;

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