

Recombinant Human CLC Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CLC-4142H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CLC MS Standard C13 and N15-labeled recombinant protein (NP_001819) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	16.3 kDa
AA Sequence	MSLLPVPYTEAASLSTGSTVTIKGRPLVCFLNEPYLQVDFHTEMKEESDIVFHFQVCF GRRVVMNSREYGAWKQQVESKNMPFQDGQEFELSISVLPDKYQVMVNGQSSYTF DHRIKPEAVKMOVWRDISLTKFNVSYLKRTRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

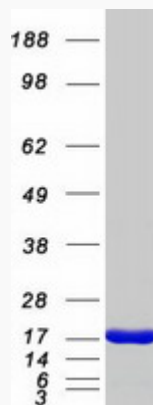
GENE INFORMATION

Gene Name	CLC Charcot-Leyden crystal protein [Homo sapiens (human)]
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

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SDS-PAGE

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