

CLC recombinant protein

CLC, 1-142aa, Human, His tag, E Coli

CATALOG # AAA11808	HOST E Coli	APPLICATIONS SDS-Page
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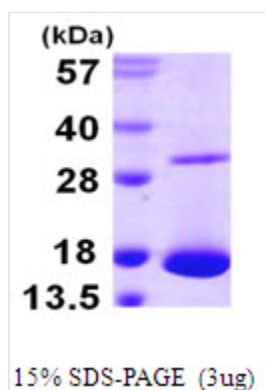
PRODUCT SYNONYMS

CLC; 1-142aa; Human; His tag; E Coli; Eosinophil lysophospholipase; Galectin 10; Gal-10; GAL10; LGALS10; LGALS10A; LPPL; CLC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence Positions	1-142aa
Sequence	MGSSHHHHH SSGLVPRGSH MSLLPVPYTE AASLSTGSTV TIKGRPLACF LNEPYLQVDF HTEMKEESDI VFHFQVCFGR RVVMNSREYG AWKQQVESKN MPFQDGQEFE LSISVLPDKY QVMVNGQSSY TFDHRIKPEA VKMVQVWRDI SLTKFNVSYL KR
Sequence Length	142
Applicable Applications for CLC recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 2-8°C short term (1 week). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for CLC recombinant protein	Eosinophil lysophospholipase (CLC), also known as Galectin 10, act on biological membranes to regulate the multifunctional lysophospholipids. CLC 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. Recombinant human CLC protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for CLC recombinant protein	Signal Transduction
References	Gleich G J., et al. (1976) J Clin Invest. 57:633-640.; Swaminathan G J., et al. (1999) Biochemistry 38:13837-13843.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20357559
NCBI GeneID	1178
NCBI Accession #	NP_001819
NCBI GenBank Nucleotide #	NM_001828.5
UniProt Accession #	Q05315 ; Q0VDE3 ; C5HZ13 ; C5HZ14
Molecular Weight	18.6 kDa (162aa) confirmed by MALDI-TOF
NCBI Official Full Name	galectin-10
NCBI Official Synonym Full Names	Charcot-Leyden crystal galectin
NCBI Official Symbol	CLC
NCBI Official Synonym Symbols	GAL10; Gal-10; LGALS10; LGALS10A; LPPL_HUMAN
NCBI Protein Information	galectin-10
UniProt Protein Name	Galectin-10
UniProt Gene Name	CLC
UniProt Synonym Gene Names	LGALS10; LGALS10A; Gal-10; CLC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/clc-recombinant-protein-e-coli-sds-page/11808>