## NKMAXBIO We support you, we believe in your research

## Recombinant human Galectin-10/LGALS10 protein

Catalog Number: ATGP1034

#### PRODUCT INFORMATION

#### **Expression system**

E.coli

#### **Domain**

1-142aa

#### **UniProt No.**

005315

#### **NCBI Accession No.**

NP 001819

#### **Alternative Names**

Lysolecithin acylhydrolase, LPPL, LGALS10A, LGALS10, Lectin galactoside-binding soluble, Galectin 10, Gal-10, Eosinophil lysophospholipase, CLC, Charcot-Leyden crystal protein, 10LGALS10A

## PRODUCT SPECIFICATION

## **Molecular Weight**

18.6 kDa (162aa) confirmed by MALDI-TOF

## Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

#### **Purity**

> 90% by SDS-PAGE

#### Tag

His-Tag

## **Application**

SDS-PAGE

## **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## **BACKGROUND**

## **Description**

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.



# NKMAXBio We support you, we believe in your research

## Recombinant human Galectin-10/LGALS10 protein

Catalog Number: ATGP1034

Recombinant human CLC protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

## **Amino acid Sequence**

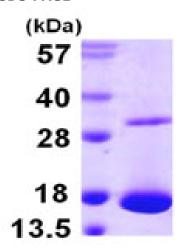
MGSSHHHHHH SSGLVPRGSH MSLLPVPYTE AASLSTGSTV TIKGRPLACF LNEPYLQVDF HTEMKEESDI VFHFQVCFGR RVVMNSREYG AWKQQVESKN MPFQDGQEFE LSISVLPDKY QVMVNGQSSY TFDHRIKPEA VKMVQVWRDI SLTKFNVSYL KR

## **General References**

Gieich G J., et al. (1976) J Clin Invest. 57:633-640. Swaminathan G J., et al. (1999) Biochemistry 38:13837-13843.

## **DATA**





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

15% SDS-PAGE (3ug)