

ARG70464 Human Galectin 10 recombinant protein (His-tagged, N-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

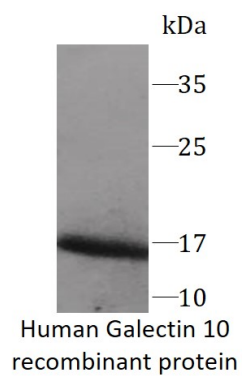
Product Description	E. coli expressed, His-tagged (N-ter) Human Galectin 10 recombinant protein
Tested Application	SDS-PAGE
Target Name	Galectin 10
Species	Human
A.A. Sequence	Ser2 - Arg142
Expression System	E. coli
Alternate Names	CLC; Charcot-Leyden Crystal Galectin; LGALS10 Gal-10; Charcot-Leyden Crystal Protein; Eosinophil Lysophospholipase; Lysolecithin Acylhydrolase; Lectin, Galactoside-Binding, Soluble, 10; Galectin-10

Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CLC
Gene Full Name	Charcot-Leyden Crystal Galectin
Background	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.
Function	Regulates immune responses through the recognition of cell-surface glycans. Essential for the anergy and suppressive function of CD25-positive regulatory T-cells (Treg).
PTM	Acetylation
Cellular Localization	Cytoplasm



ARG70464 Human Galectin 10 recombinant protein (His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70464 Human Galectin 10 recombinant protein (His-tagged, N-ter)