

ARG70148 Human Galectin 4 recombinant protein (Active) (His-tagged, N-ter)

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

Summary

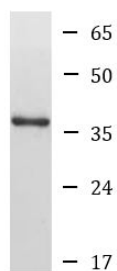
Product Description	E. coli expressed, His-tagged (N-ter) Active Human Galectin 4 recombinant protein
Tested Application	SDS-PAGE
Target Name	Galectin 4
Species	Human
A.A. Sequence	Ala2 - Ile323
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to agglutinate human red blood cells. The ED50 for this effect is < 8 µg/mL.
Alternate Names	GAL4; L36LBP; L-36 lactose-binding protein; Gal-4; Galectin-4; Lactose-binding lectin 4; Antigen NY-CO-27

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	LGALS4
Gene Full Name	lectin, galactoside-binding, soluble, 4
Background	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer. [provided by RefSeq, Jul 2008]
Function	Galectin that binds lactose and a related range of sugars. May be involved in the assembly of adherens junctions. [UniProt]



Human Galectin 4
recombinant protein

ARG70148 Human Galectin 4 recombinant protein (Active) (His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70148 Human Galectin 4 recombinant protein (Active) (His-tagged, N-ter).