

ARG70461 Human Galectin 2 recombinant protein (Active) (His-tagged, N-ter)

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

Summary

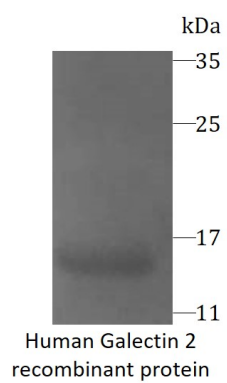
Product Description	E. coli expressed, His-tagged (N-ter) Active Human Galectin 2 recombinant protein
Tested Application	SDS-PAGE
Target Name	Galectin 2
Species	Human
A.A. Sequence	Thr2 - Glu132
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to agglutinate human red blood cells. The ED50 for this effect is < 20 µg/mL.
Alternate Names	LGALS2; Galectin 2; HL14; Lectin, Galactoside-Binding, Soluble, 2; Beta-Galactoside-Binding Lectin L-14-II; Lactose-Binding Lectin 2; S-Lac Lectin 2; Galectin-2; Gal-2

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	LGALS2
Gene Full Name	Galectin 2
Background	The protein encoded by this gene is a soluble beta-galactoside binding lectin. The encoded protein is found as a homodimer and can bind to lymphotoxin-alpha. A single nucleotide polymorphism in an intron of this gene can alter the transcriptional level of the protein, with a resultant increased risk of myocardial infarction.
Function	This protein binds beta-galactoside. Its physiological function is not yet known.



ARG70461 Human Galectin 2 recombinant protein (Active) (His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70461 Human Galectin 2 recombinant protein (Active) (His-tagged, N-ter)