

Active GMP Recombinant Human LGALS9 protein

Cat. No. LGALS9-245HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human LGALS9 protein(NP_002299.2)(323 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human Galectin-9(NCBI ReferenceSequence: NP_002299.2) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The immobilized protein detects its effect on the adhesion and migration of Jurkat cells (human acute T lymphocytic leukemia cells), and the ED50 of this effect is 1.1-4.2ug/mL.
Molecular Mass	Recombinant Human LGALS9 protein contains 323 aa. It has a predicted MW of 37.4 kDa.
Endotoxin	<0.01EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved

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liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name LGALS9 lectin, galactoside-binding, soluble, 9 [Homo sapiens]

Official Symbol LGALS9

Synonyms LGALS9; Ecalectin

Gene ID 3965

mRNA Refseq NM_002308

Protein Refseq NP_002299

MIM 601879

UniProt ID O00182

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