



Recombinant Human Galectin-9 (LGALS9)

Product Code	CSB-MP012895HU
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O00182
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAFSGSQAPYLSPAVPFSGTIQGGLQDGLQITVNGTVLSSSGTRFAVNFQTGF SGNDIAFHFNPRFEDGGYVVCNTRQNGSWGPEERKTHMPFQKGMDFLCL VQSSDFKVMVNGILFVQYFHRVFPFHRVDTISVNGSVQLSYISFQPPGVWPANP APITQTVIHTVQSAPGQMFSTPAIPPMYPHPAYPMPFITLGGLYPSKSILLS GTVLPSAQRFHINLCSGNHIAFHLNPRFDENAVVRNTQIDNSWGSEERSLPRK MPFVRGQSFSVWILCEAHCLKVAVDGQHLFEYYHRLRNLPTINRLEVGGDIQL THVQT
Research Area	Neuroscience
Source	Mammalian cell
Target Names	LGALS9
Expression Region	1-323aa
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Isoform 2 Full length protein
Target Details	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This protein is an S-type lectin. It is overexpressed in Hodgkin s disease tissue and might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its associated immunodeficiency. Multiple alternatively spliced transcript variants have been found for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.