



Recombinant Bovine Galectin-1 (LGALS1)

Product Code	CSB-EP012882BO
Relevance	Lectin that binds beta-galactoside and a wide array of complex carbohydrates (PubMed:1900835, PubMed:8108426, PubMed:7773775). Plays a role in regulating apoptosis, cell proliferation and cell differentiation. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase. Strong inducer of T-cell apoptosis.
Abbreviation	Recombinant Bovine LGALS1 protein
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.	P11116
Alias	14 kDa lectin Beta-galactoside-binding lectin L-14-I Galaptin Lactose-binding lectin 1 Lectin galactoside-binding soluble 1 S-Lac lectin 1
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	ACGLVASNLNLKPGECLRVRGEVAADAKSFLNLGKDDNNLCLHFNPRFNAH GDVNTIVCNSKDAGAWGAEQRESAFPQPGSVVEVCISFNQTDLTIKLPDGYE FKFPNRLNLEAINYLSAGGDFKIKCVAFE
Research Area	Cell Biology
Source	E.coli
Target Names	LGALS1
Expression Region	2-135aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	30.6kDa
Protein Length	Full Length of Mature Protein
Image	

