



Recombinant Human Galectin-2 (LGALS2)

Product Code	CSB-EP012886HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P05162
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MTGELEVKNM DMKPGSTLKI TGSADGTDG FVINLGQGTG KLNLFHNPRF SESTIVCNLS DGSNWGQEQR EDHLCFSPGS EVKFTVTFES DKFKVKLPDG HELTFPNRLG HSHLSYLSVR GGFNMSSFKL KE
Source	E.coli
Target Names	LGALS2
Protein Names	Recommended name: Galectin-2 Short name= Gal-2 Alternative name(s): Beta-galactoside-binding lectin L-14-II HL14 Lactose-binding lectin 2 S-Lac lectin 2
Expression Region	1-132
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This protein 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.
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.