

Galectin-2/LGALS2/HL14, Human, Recombinant

Cat. No. : PCK298

General Information

Synonyms	LGALS2;HL14
Species	Human
Expression host	E.coli
Sequence	TGELEVKNMDMKPGSTLKITGSIADGTDGTFVINLGQGTDKLNLHFNPRFSESTIVCNSLDGSN WGQEQREDHLCFSPGSEVKFTVTFESDKFKVKLPDGHELTFPNRLGHSHLSYLSVRGGFNMS SFKLKE with polyhistidine tag at the N-terminus.
Accession	P05162.3
Tag	His-tag at the N-terminus
Mol mass	15.5 kDa
Expiration date	12 months
Bio activity	Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is < 20 µg/mL.

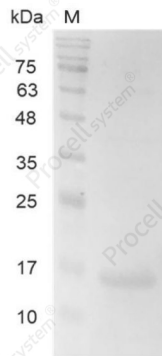
Product feature

Purity	> 98% as determined by SDS-PAGE. Ni-NTA chromatography
Endotoxin (EU/µg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
Shipping	Ice bag
Formulation	The protein was lyophilized from a 0.2 µm filtered solution containing 1 × PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Background

Galectin2, is a soluble beta-galactoside binding lectin. This protein induces apoptosis in activated T cells and binds to the cytokine lymphotoxin-alpha (LTA) with possible implications in risk of myocardial infarction. Galectin-2 also modulates cell-to-cell adhesion and cell-to-extracellular matrix interactions and play a role in tumor progression, pre-mRNA splicing and apoptosis.

SDS-PAGE



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