

Human Galectin-3

Synonyms: Galectin-3, GAL3, MAC2, CBP35, GALB, GALIG, LGALS2, LGALS3, Galactose-specific lectin 3, Mac-2 antigen, IgE-binding protein, 35 kDa lectin, Carbohydrate-binding protein 35, CBP 35, Laminin-binding protein, Lectin L-29, L-31, Galactoside-binding protein, G

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
10 µg	1423.950.010		
50 µg	1423.950.050		
1 mg	1423.950.199		

Please enquire for bulk quantities and other vial sizes

Description

LGALS3 Human Recombinant produced in *E. Coli* is a single, non-glycosylated, polypeptide chain containing 250 amino acids and having a molecular mass of 26.2kDa.

- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** The Galectin-3 protein was lyophilized from a sterile 0.2 micron filtered aqueous solution containing 10 mM sodium phosphate and 50mM sodium chloride, pH 7.5*
- **Physical state** Sterile filtered, lyophilized

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

Stability

Lyophilized Galectin-3 Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Galectin-3 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MADNFSLHDA LSGSGNPNPQ GWPGAWGNQP AGAGGYPGAS YPGAYPGQAP PGAYPGQAPP GAYPGAPGAY
 PGAPAPGVYP GPPSGPGAYP SSGQPSATGA YPATGPYGAP AGPLIVPYNL PLPGGVVPRM LITILGTVKP
 NANRIALDFQ RGNDVAFHFN PRFNENRRV IVCNTKLDNN WGREERQSVF PFESGKPFKI QVLVEPDHFK
 VAVNDAHLLQ YNHRVKKLNE ISKLGISGDI DLTSASYTMI

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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