

Recombinant Human LGALS3 protein(Met1-Ile250)

Cat. No. LGALS3-6977H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Galectin3 (P17931) (Met 1-Ile 250) was expressed and purified in <i>E. coli</i> .
Species	Human
Source	<i>E.coli</i>
ProteinLength	1-250 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is typically 3-15 µg/ml.
Molecular Mass	The recombinant human Galectin3 consisting of 250 amino acids and has a calculated molecular mass of 26.1 kDa. It migrates as an approximately 30 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 0.005 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	LGALS3 lectin, galactoside-binding, soluble, 3 [<i>Homo sapiens</i>]
Official Symbol	LGALS3
Synonyms	LGALS3; lectin, galactoside-binding, soluble, 3; LGALS2; galectin-3; galectin 3; GALIG; MAC 2; lectin L-29; 35 kDa lectin; MAC-2 antigen; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35; L31; GAL3; MAC2; CBP35; GALBP;
Gene ID	3958
mRNA Refseq	NM_001177388
Protein Refseq	NP_001170859
MIM	153619
UniProt ID	P17931

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