



Recombinant Human Galectin-3 protein (LGALS3)

Product Code	CSB-AP000481HU
Abbreviation	Recombinant Human LGALS3 protein (Active)
Uniprot No.	P17931
Storage Buffer	Lyophilized from a 0.2 µm filtered solution in 1xPBS, 5% Trehalose, 0.02% Tween-20, 3mM β-ME, pH 7.4.
Product Type	Others
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by its ability to agglutinate human red blood cells is less than 10 µg/ml.
Purity	>98% as determined by SDS-PAGE.
Sequence	ADNFSLDAL SGSGNPNPQG WPGAWGNQPA GAGGYPGASY PGAYPGQAPP GAYPGQAPPG AYPGAPGAYP GAPAPGVYPG PPSGPGAYPS SGQPSATGAY PATGPYGAPA GPLIVPYNLP LPGGVVPRML ITILGTVKPN ANRIALDFQR GNDVAFHFNP RFNENNRRI VCNTKLDNNW GREERQSVFP FESGKPFKIQ VLVEPDHFKV AVNDAHLLQY NHRVKKLNEI SKLGISGDID LTSASYTMI
Research Area	Neuroscience
Source	E.Coli
Target Names	LGALS3
Expression Region	2-250aa
Tag Info	Tag-Free
Mol. Weight	26.0 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	2261464; 2402511; 2022338; 2009535; 7682704; 9439577; 14702039; 12508121; 15489334; 8253806; 9501082; 15181153; 19594635; 19497882; 19616076; 21269460; 9582341

Image





Description

Boost your neuroscience research with our premium Recombinant Human LGALS3 protein, also known as Galectin-3 or Gal-3. Produced in E.coli, this full-length mature protein (2-250aa) is provided in a tag-free format, ensuring native-like structure and function. With a purity of >98% as confirmed by SDS-PAGE and HPLC, and endotoxin levels <1.0 EU/μg as determined by the LAL method, this protein guarantees minimal interference in your experiments. Recombinant Human LGALS3 is fully biologically active, as demonstrated by its ability to agglutinate human red blood cells with an ED₅₀ of less than 10 μg/ml. Supplied as lyophilized powder, our Recombinant Human LGALS3 protein enables you to drive groundbreaking discoveries in neuroscience research with consistent results and precision scientific quality you can rely on.

Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

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.