

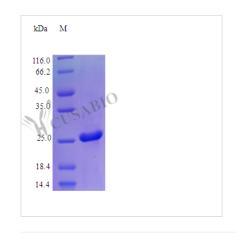




# Recombinant Human Galectin-3 protein (LGALS3)

<b>Product Code</b>	CSB-AP000481HU
Abbreviation	Recombinant Human LGALS3 protein (Active)
Uniprot No.	P17931
Storage Buffer	Lyophilized from a 0.2 $\mu m$ filtered solution in 1×PBS, 5% Trehalose, 0.02% Tween-20, 3mM $\beta$ -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 $\mu$ g/ml.
Purity	>98% as determined by SDS-PAGE.
Sequence	ADNFSLHDAL SGSGNPNPQG WPGAWGNQPA GAGGYPGASY PGAYPGQAPP GAYPGQAPPG AYPGAPGAYP GAPAPGVYPG PPSGPGAYPS SGQPSATGAY PATGPYGAPA GPLIVPYNLP LPGGVVPRML ITILGTVKPN ANRIALDFQR GNDVAFHFNP RFNENNRRVI 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**





#### **CUSABIO TECHNOLOGY LLC**









## **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 fulllength mature protein (2-250aa) is provided in a tag-free format, ensuring nativelike 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 ED $_{50}$  of less than 10  $\mu$ g/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.