

## Produktinformation



Forschungsprodukte & Biochemikalien
Zellkultur & Verbrauchsmaterial
Diagnostik & molekulare Diagnostik
Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart siehe unsere Liefer- und Versandbedingungen

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

#### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien T. +43(0)1 489 3961-0 F. +43(0)1 489 3961-7 <u>mail@szabo-scandic.com</u> www.szabo-scandic.com

# **Elabscience**®

### Recombinant Human Galectin-3/LGALS3 Protein (His Tag)(Active)

Catalog No. PKSH032473

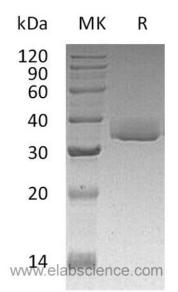
Description	
Synonyms	Galectin-3; Gal-3; 35 kDa Lectin; Carbohydrate-Binding Protein 35; CBP35; Galactose-Specific Lectin 3; Galactoside-Binding Protein; GALBP; IgE-Binding Protein; L-31; Laminin-Binding Protein; Lectin L-29; Mac-2 Antigen; LGALS3; MAC2; P35; GAL3; GALBP; GALIG; L31; LGALS2; MAC2
Species	Human
Expression_host	Human Cells
Sequence	Ala2-Ile250
Accession	P17931
Mol_Mass	27.2 kDa
AP_Mol_Mass	35 kDa
Tag	C-6His
Bio_activity	Measured by its ability to agglutinate human red blood cells.
Properties	
Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH7.4, 3mM DTT.
Reconstitution	Please refer to the printed manual for detailed information.

#### Background

Galectin-3(LGALS3) is also known as Galactose-specific lectin 3, Mac-2 antigen, Carbohydrate-binding protein 35, Laminin-binding protein and Galactoside-binding protein. LGALS3 is highly expressed in early stages of papillary carcinoma, and lowly during tumor progression. LGALS3 is probably forms homo- or heterodimers and secreted by a non-classical secretory pathway and associates with the cell surface. LGALS3 plays an important role during the acquisition of vasculogenic mimicry and angiogenic properties. LGLAS3 takes part in an immune regulator to inhibit T-cell immune responses and promote tumor growth, as a result providing a new mechanism for tumor immune tolerance.

### Elabscience<sup>®</sup> SDS-PAGE

Tel:240-252-7368(USA) Fax:240-252-7376(USA) www.elabscience.com E-mail:techsupport@elabscience.com Elabscience Biotechnology Inc.



For Research Use Only Thank you for your recent purchase. If you would like to learn more about proteins,please visit www.elabscience.com. Focus on your research Service for life science