



# SZABO SCANDIC

Part of Europa Biosite

## 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

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Product Number	OPPA01624
Product Page	<a href="http://www.avivasysbio.com/lgals3-protein-oppa01624.html">www.avivasysbio.com/lgals3-protein-oppa01624.html</a>
Name	LGALS3 Protein (OPPA01624)
Protein Size (# AA)	Recombinant amino acids
NCBI Gene Id	3958
Host	E. Coli
Purity	Greater than 97.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Alias Symbols	L31, GAL3, MAC2, CBP35, GALBP, GALIG, LGALS2
Peptide Sequence	ADNFSLHDAL SGSGNPNPQG WPGAWGNQPA GAGGYPGASY PGAYPGQAPP GAYPGQAPPG AYHGAPGAYP GAPAPGVYYPG PPSGPGAYPS SGQPSAPGAY PATGPYGA GA GPLIVPYNLP LPGGVVPRML ITILGTVKPN ANRIALDFQR GNDVAFHFNP RFNENNRRI VCNTKLDNNW GREERQSVFP FESGKPFKIQLV LVEPDHFKV AVNDAHLLQY NHRVKKLNEI SKLGISGDID LTSASYTMI.
Product Format	The Galectin-3 protein was lyophilized from a concentrated (1mg/ml) containing 10mM sodium phosphate buffer, pH-7.5 and 50mM NaCl. Physical appearance: Sterile Filtered White lyophilized (freeze-dried) powder.
Description of Target	Recombinant Human Galectin-3
Reconstitution and Storage	Lyophilized Galectin-3 Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution Galectin-3 should be stored at 4C between 2-7 days and for future use below -18C. For long term storage it is recommended to add a carrier protein (0. 1% HSA or BSA). Please prevent freeze-thaw cycles.
Datasheets/Manuals	Printable datasheet for <a href="#">OPPA01624</a>
Additional Information	<b>Solubility:</b> It is recommended to reconstitute the lyophilized LGALS3 in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Additional Information	<b>Biological Activity:</b> Determined by its ability to chemoattract human blood monocytes. Chemotactic activity was observed at a concentration of 2.5 ug/ml with a peak response obtained at 250 ug/ml.
Additional Information	<b>Product Introduction:</b> Galectin-3 mediates with the alpha-3, beta-1 integrin the stimulation by cspg4 of endothelial cells migration. Galectin-3 plays an necessary part during the acquisition of vasculogenic mimicry and angiogenic properties associated with melanoma progression. LGALS3 overexpression is highly expressed in early stages of papillary carcinoma, and its expression intensity declines during tumor progression. Serum levels of LGALS3 are high in patients with thyroid malignancy but there is considerable overlap in serum LGALS3 concentrations between those with benign and malignant nodular thyroid disease. LGLAS3 takes part as an immune regulator to inhibit T-cell immune responses and promote tumor growth, as a result providing a new mechanism for tumor immune tolerance. <b>Product Description:</b> 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 kDa. The LGALS3 is purified by proprietary chromatographic techniques.
Uniprot ID	<a href="#">P17931</a>
Protein Name	Galectin-3
Protein Accession #	<a href="#">NP_002297.2</a>
Gene Symbol	LGALS3
Predicted Species Reactivity	Human

**Image 1**



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.  
Optimal conditions of its use should be determined by end users.

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