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Lieferung & Zahlungsart

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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

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	OPPA01884
Product Page	www.avivasysbio.com/lgals4-protein-oppa01884.html
Name	LGALS4 Protein (OPPA01884)
Protein Size (# AA)	Recombinant amino acids
NCBI Gene Id	3960
Host	E. Coli
Purity	Greater than 95.0% as determined by SDS-PAGE.
Alias Symbols	GAL4, L36LBP
Peptide Sequence	MGSSHHHHHH SGLVPRGSH MAYVPAPGYQ PTYNPTLPYY QPIPGLNVG MSVYIQGVAS EHMKRFFVNF VVGQDPGSDV AFHFNPRFDG WDKVVFNTLQ GGKWGSEERK RSMPFKKGAA FELVFIVLAE HYKVVVNGNP FYEYGHRLPL QMVTHLQVDG DLQLQSINFI GGQPLRPQGP PMMPYPGPG HCHQQLNSLP TMEGPPTFNP PVPYFGRLQG GLTARRTIII KGYVPPTGKS FAINFKVGSS GDIALHINPR MGNGTVVRNS LLNGSWGSEE KKITHNPFGP GQFFDLSIRC GLDRFKVYAN GQHLEDFFAHR LSAFQRVDL EIQGDVTL SY VQI.
Product Format	The LGALS4 protein solution contains 20mM Tris-HCl, pH-8, 1mM DTT and 10% glycerol. Physical appearance: Sterile filtered colorless solution.
Description of Target	Recombinant Human Galectin-4
Reconstitution and Storage	Store at 4C if entire vial will be used within 2-4 weeks. Store, frozen at -20C for longer periods of time. For long term storage it is recommended to add a carrier protein (0. 1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Datasheets/Manuals	Printable datasheet for OPPA01884
Additional Information	<p>Product Introduction: Galectin-4 is a member of the subfamily of galectins composed of two carbohydrate recognition domains having similar peptide chains. The galectins are a family of beta-galactoside-binding proteins having a role in modulating cell-cell and cell-matrix interactions, which inhibits chronic inflammations, GVHD, and allergic responses. LGALS4 expression is limited to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer. LGALS4 binds as an endogenous ligand to glycosphingolipids having 3-O-sulfated Gal residues and bind as well to cholesterol-3-sulfate. LGALS4 takes part in cell adhesion. LGALS4 plays a role in crosslinking the lateral cell membranes of the surface-lining epithelial cells, thus supporting epithelial integrity against mechanical stress exerted by the bowel lumen. LGALS4 is in charge of intestinal inflammation via selective regulation of peripheral and mucosal T-cell cell cycle, in addition to cell death by apoptosis of T-cells by a pathway independent of the activation of caspases. LGALS4 blockade decreases TNF-alpha inhibitor induced T-cell death. LGALS4 decreases pro-inflammatory cytokine secretion including IL-6 & IL-17.</p> <p>Product Description: Galectin-4 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 343 amino acids (1-323 a.a.) and having a molecular mass of 38.1kDa. Galectin-4 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.</p>
Uniprot ID	P56470
Protein Name	Galectin-4
Protein Accession #	NP_006140.1
Gene Symbol	LGALS4
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.

AVIVA SYSTEMS BIOLOGY
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com