



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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



## Galectin-14, His Tag, human recombinant (rHuLGALS14-His)

**Catalog No:** 97458  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** Placental protein 13-like, Charcot-Leyden crystal protein 2, CLC2, Galectin-14, Gal-14, LGALS14, PPL13, MGC22235

### Background

Galectin14, aka LGALS14, is a member of the galectin family of carbohydrate binding proteins. Galectin family members contain one or two carbohydrate recognition domains, which can bind beta-galactoside. The LGALS14 gene is predominantly expressed in the placenta. LGALS14 is expressed intracellularly in the placenta and eosinophils and is released by eosinophils following allergen stimulation. LGALS14 may be involved in the development of allergic inflammation.

### Description

LGALS14 human recombinant produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 162 amino acids (1-139) and having a molecular mass of 18.5 kDa. LGALS14 is fused with a 23 amino acid His Tag at N-terminus and is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered colorless solution.

### Formulation

The LGALS14 solution (0.5 mg/ml) contains 20 mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1 M NaCl and 1 mM DTT.

### Stability

LGALS14 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Purity

Greater than 90.0% as determined by SDS-PAGE.

### Amino Acid Sequence

MGSSHHHHHH SSSLVPRGSH MGSMSLPVP YTLPVSLPVG SCVIITGTPI LTFVKDPQLE VNFYTGMDDED SDIAFQFRLH  
FGHPAIMNSR VFGIWRYEEK CYYLPFEDGK PFELCIYVRH KEYKVMVNGQ RIYNFAHRFP PASVKMLQVL RDISLTRVLI  
SD

### Usage

**This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.**