



# 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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## Datasheet

### GALNS (Human) Recombinant Protein (P01)

**Catalog Number:** H00002588-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human GALNS full-length ORF ( NP\_000503.1, 1 a.a. - 522 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAAVVAATRWWQLLLVLSAAGMGASGAPQPPNILLLL  
MDDMGWGDLDGVYGEPSRETPNLDRMAAEGLLFPNFY  
SANPLCSPSRAALLTGRLPIRNGFYTTNAHARNAYTPQ  
EIVGGIPDSEQLLPELLKKAGYVSKIVGKWHLGHQPQF  
HPLKHGFDEWFGSPNCHFGPYDNKARNIPVYRDWE  
MVGRYEEFPINLKTGEANLTIQYLQEALDFIKRQARH  
HPFFLYWAVDATHAPVYASKPFLGTSQRGRYGDVAVR  
EIDDSIGKILELLQDLHVADNTFVFFTSDNAAALISAPEQ  
GGSNGPFLCGKQTTFEGGMREPALAWWPGHVDTAGQ  
VSHQLGSIMDLFTTSLALAGLTPPSDRAIDGLNLLPTLL  
QGRLMDRPIFYRGTLMMAATLGQHKAHFWTWTNSW  
ENFRQGIDFCPGQNVSGVTTHNLEDHTKLPLIFHLGRD  
PGERFPLSFASAQYQEALESRTSVVQQHQEALVPAQP  
QLNVCNWAVMNWAPPGCEKLGKCLTPPESIPKKCLW  
SH

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 84.4

**Interspecies Antigen Sequence:** Mouse (86); Rat (85)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2588

**Gene Symbol:** GALNS

**Gene Alias:** FLJ17434, FLJ42844, FLJ98217, GALNAC6S, GAS, MPS4A

**Gene Summary:** This gene encodes N-acetylgalactosamine-6-sulfatase which is a lysosomal exohydrolase required for the degradation of the glycosaminoglycans, keratan sulfate, and chondroitin 6-sulfate. Sequence alterations including point, missense and nonsense mutations, as well as those that affect splicing, result in a deficiency of this enzyme. Deficiencies of this enzyme lead to Morquio A syndrome, a lysosomal storage disorder. [provided by RefSeq]