



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### LGALS3BP (Human) Recombinant Protein (P01)

**Catalog Number:** H00003959-P01

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

**Product Description:** Human LGALS3BP full-length ORF ( AAH02403.1, 1 a.a. - 585 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MTPPRLFWVWLLVAGTQGVNDGDMRLADGGATNQG  
RVEIFYRGQWGTVCNDLWDLTDASVVCRALGFENAT  
QALGRAAFGQGGPIMLDEVQCTGTEASLADCKSLG  
WLKSNCRHERDAGVVCTNETRSTHTLDSRESEALG  
QIFDSQRGCDLSISVNVQGEDALGFCGHTVILTANLEA  
QALWKEPGSNVTMSVDAECVPMVRDLLRYFYSRRIDI  
TLSSVKCFHKLASAYGARQLQGYCASLFAILLPQDPSF  
QMPLDLYAYAVATGDALLEKLCLQFLAWNFEALTQAE  
AWPSVPTDLLQLLLPRSDLAVPSELALLKAVDTWSWG  
ERASHEEVEGLVEKIRFPMMLPEELFELQFNLSLYWS  
HEALFQKKTLLQALEFHTVFPQLLARYKGLNLTEDTYKP  
RIYTSPTWSAFVTDSSWSARKSQLVYQSRGRLVKYS  
SDYFQAPSDYRYYPYQSFQTPQHPSFLQDKRVSW  
LVYLPTIQSCWNYGFSCSSDELPLGLTKSGGSDRTIA  
YENKALMLCEGLFVADVDFEGWKAATPSALDTNSSK  
STSSFPCPAGHFNGFRTVIRPFYLTNSSGVD

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

**Theoretical MW (kDa):** 90.09

**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:** 3959

**Gene Symbol:** LGALS3BP

**Gene Alias:** 90K, BTBD17B, MAC-2-BP

**Gene Summary:** The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1. [provided by RefSeq]

**References:**

1. The glucose-sensing transcription factor MLX promotes myogenesis via myokine signaling. Hunt LC, Xu B, Finkelstein D, Fan Y, Carroll PA, Cheng PF, Eisenman RN, Demontis F. *Genes Dev.* 2015 Dec 1;29(23):2475-89.