

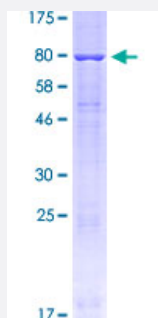
Full-Length

LGALS3BP (Human) Recombinant Protein (P01)

Catalog # H00003959-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

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

Sequence

MTPPRLFWVWLLVAGTQGVNDGDMRLADGGATNQGRVEIFYRGQWGTVCNLDLTDASVVC
RALGFENATQALGRAAFGQSGPIMLDEVQCTGTEASLADCKSLGWLKSNCRHERDAGVVCTN
ETRSTHTLDLSRELSEALGQIFDSQRGCDLSISVNVQGEDALGFCGHTVILTANLEAALWKEPGS
NVTMSVDAECVPMVRDLLRYFYSTRIDITLSSVKCFHKLASAYGARQLQGYCASLFAILLPQDPSF
QMPLDLAYAVATGDALLEKLCLQFLAWNFEALTQAEAWPSVPTDLLQLLLPRSDLAVPSELALL
KAVDTWSWGERASHEEVEGLVEKIRFPMMLPEELFELQFNLSLYWSHEALFQKKTLQALEFHTV
PFQLLARYKGLNLTEDTYKPRIYTSPTWSAFVTDSSWSARKSQLVYQSRRGPLVKYSSDYFQAPS
DYRYYPYQSFQTPQHPSFLFQDKRVSWSLVYLPTIQSCWNYGFSCSSDELPLVGLTKSGGSDRTI
AYENKALMLCEGLFVADVTFEGWKAATPSALDTNSSKSTSSFPCPAGHFNGFRTVIRPFYLTNS
SGVD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.09

Interspecies Antigen Sequence

Mouse (69)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LGALS3BP

Entrez GeneID	3959
GeneBank Accession#	BC002403
Protein Accession#	AAH02403.1
Gene Name	LGALS3BP
Gene Alias	90K, BTBD17B, MAC-2-BP
Gene Description	lectin, galactoside-binding, soluble, 3 binding protein
Omim ID	600626
Gene Ontology	Hyperlink
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 an 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]
Other Designations	L3 antigen Mac-2-binding protein galectin 3 binding protein serum protein 90K

Publication Reference

- [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 & Development 2015 Dec; 29(23):2475.

Application: Func, Mouse, C2C12 cells