

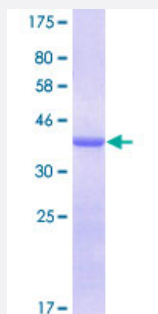
Full-Length

LGALS1 (Human) Recombinant Protein (P01)

Catalog # H00003956-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LGALS1 full-length ORF (AAH01693, 1 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MACGLVASNLNLKPGECLRVGEVAPDAKSFVLNLGKDSNNLCLHFNPRFNAHGDANTVCNSK
DGGAWGTEQREAVFPFQPGSVAEVCITFDQANLTVKLPDGYEFKFPNRLNLEAINYMAADGDFKI
KCVAFD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

40.59

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 — LGALS1

Entrez GeneID	3956
GeneBank Accession#	BC001693
Protein Accession#	AAH01693
Gene Name	LGALS1
Gene Alias	DKFZp686E23103, GAL1, GBP
Gene Description	lectin, galactoside-binding, soluble, 1
Omim ID	150570
Gene Ontology	Hyperlink
Gene Summary	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. [provided by RefSeq]
Other Designations	OTTHUMP00000028982 S-Lac lectin 1 beta-galactoside-binding lectin L-14- lgalaptin galectin 1 galectin-1 lactose-binding lectin 1

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