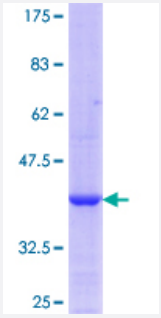
LGALS8 (Human) Recombinant Protein (Q01)

Catalog # H00003964-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LGALS8 partial ORF (NP_006490.3, 262 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AGKSKDIALHLNPRLNIKAFVRNSFLQESWGEEERNITSFPFSPGMYFEMIIYCDVREFKVAVNGV HSLEYKHRFKELSSIDTLEINGDIHLLEVRSW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (86); Rat (87)
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 — LGALS8

Entrez GeneID	3964
GeneBank Accession#	NM_006499
Protein Accession#	NP_006490.3
Gene Name	LGALS8
Gene Alias	Gal-8, PCTA-1, PCTA1, Po66-CBP
Gene Description	lectin, galactoside-binding, soluble, 8
Omim ID	606099
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding anim al lectins with conserved carbohydrate recognition domains. The galectins have been implicated i n many essential functions including development, differentiation, cell-cell adhesion, cell-matrix int eraction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumor al tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	OTTHUMP00000037854|Po66 carbohydrate binding protein|galectin 8|galectin-8|galectin-8g|pro state carcinoma tumor antigen 1