

Galectin 3 (GAL3) Recombinant Protein | GAL3 recombinant protein

Recombinant Galectin 3 (GAL3)

CATALOG # AAA134548	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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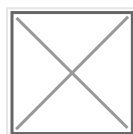
PRODUCT SYNONYMS

Galectin 3 (GAL3); Recombinant Galectin 3 (GAL3); GAL3 recombinant protein

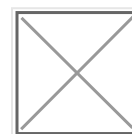
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHS GS-MADG FSLNDALAGS GNP NPQGWPG AWGNQPGAGG YPGASYPGAY PGQAPPGGYP GQAPPSAYPG PTGPSAYPGP TAPGAYPGPT APGAFPGQPG GPGAYPSAPG AYPSAPGAYP ATGPFGAPTG PLTVPYDMPL PGGVMPRMLI TIIGTVK PNA NSITLNF KKG NDIAFHF NPR FNENRRRVIV CNTKQDNNWG REERQSAFPF ESGKPFKIQV LVEADHFKVA VNDVHLLQYN HRMKNLREIS QLGIIGDITL TSASHAMI
Sequence Length	262
Applicable Applications for GAL3 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Met1~Ile262 (Accession # P08699) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	13929190
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NCBI GeneID	83781
NCBI Accession #	NP_114020.1
NCBI GenBank Nucleotide #	NM_031832.1
UniProt Accession #	P08699
Molecular Weight	28.4kDa
NCBI Official Full Name	galectin-3
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 3
NCBI Official Symbol	Lgals3
NCBI Official Synonym Symbols	gal-3
NCBI Protein Information	galectin-3; CBP 35; lectin L-29; 35 kDa lectin; mac-2 antigen; IgE binding protein; igE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35; lectin, galactose binding, soluble 3; lectin galactoside-binding soluble 3 protein
UniProt Protein Name	Galectin-3
UniProt Gene Name	Lgals3
UniProt Synonym Gene Names	Gal-3; CBP 35
UniProt Entry Name	LEG3_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lgals3-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134548>