

Galectin 12 (GAL12) Recombinant Protein | GAL12 recombinant protein

Recombinant Galectin 12 (GAL12)

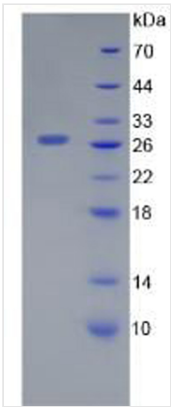
CATALOG # AAA20328	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Galectin 12 (GAL12); Recombinant Galectin 12 (GAL12); GAL12 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 500ug/mL (varies by lot)
Applicable Applications for GAL12 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Pro70~Leu291
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	8.7
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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 and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



P LDAHRFQVDF QCGCSLCPRP DIAHFHNPRF
HTTKPHVICN TLHGGRWQRE ARWPHALARR GSSFILILFLF GNEEVKVSVN
GQHFLHFRYR LPLSHVDTLG IFGDILVEAV GFLNINPFVE GSREYPAGHP
FLLMSPRLEV PCSHALPQGL SPQQVIIVRG LVLQEPKHFT VSLRDQAAHA
PVTLRASFAD RTLAWISRWG QKKLISAPFL FYPQRFEEVL L

Sequence Information

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	216547809
NCBI GeneID	85329
NCBI Accession #	NP_001136007.1
NCBI GenBank Nucleotide #	NM_001142535.1
UniProt Accession #	Q96DT0; Q96DS9; Q96PR9; Q9H258; Q9H259; Q9NZ02; B2R9N2
Molecular Weight	Predicted Molecular Mass: 29.0kDa Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	galectin-12 isoform 1
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 12
NCBI Official Symbol	LGALS12
NCBI Official Synonym Symbols	GAL12; GRIP1
NCBI Protein Information	galectin-12; galectin 12; galectin-related inhibitor of proliferation
UniProt Protein Name	Galectin-12
UniProt Gene Name	LGALS12
UniProt Synonym Gene Names	GRIP1; Gal-12
UniProt Entry Name	LEG12_HUMAN

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.