

Galectin 12 (GAL12) Active Protein | GAL12 active protein

Active Galectin 12 (GAL12)

CATALOG # AAA153028	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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PRODUCT SYNONYMS

Galectin 12 (GAL12); Active Galectin 12 (GAL12); Galectin 12; GAL12 active protein (prokaryotic); Mouse; LGALS12; GRIP1; Lectin; Galactoside-Binding Soluble 12; Galectin-related inhibitor of proliferation; GAL12 active protein

PRODUCT SPECIFICATIONS

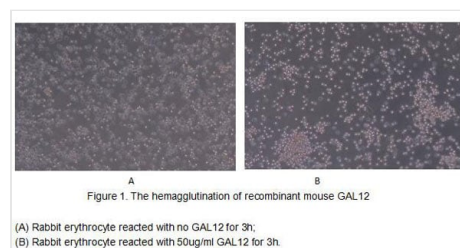
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met1~Cys314
Applicable Applications for GAL12 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.9
Research Area	Metabolic pathway
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



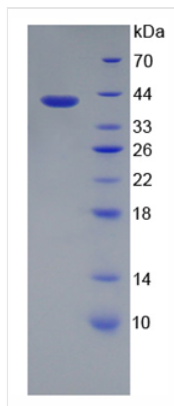
Bioactivity

Figure 2. The hemagglutination assay of GAL12 in V- bottom shaped 96-well microtiter plate.



Bioactivity

Galectin-12 is a member of a family of mammalian lectins known as galectins. The galectins constitute a large family of carbohydrate-binding proteins that function in many systems both intracellularly and following secretion. Galectins contain either one



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GAL12 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9506757
NCBI GeneID	56072
NCBI Accession #	NP_062389.1
NCBI GenBank Nucleotide #	NM_019516.3
UniProt Accession #	Q91VD1; Q3UW90; Q8CCA4; Q8K2L7; Q9JKX2
Molecular Weight	33,979 Da
NCBI Official Full Name	galectin-12
NCBI Official Synonym Full Names	lectin, galactose binding, soluble 12
NCBI Official Symbol	Lgals12
NCBI Official Synonym Symbols	Grip1; AW987437
NCBI Protein Information	galectin-12
UniProt Protein Name	Galectin-12
UniProt Gene Name	Lgals12
UniProt Synonym Gene Names	Gal-12

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/e-coli-active-protein/galectin-12-gal12/153028>