

Galectin 12 (GAL12) Active Protein | GAL12 active protein

Active Galectin 12 (GAL12)

CATALOG # AAA153027	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); Dog; 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~Tyr314
Applicable Applications for GAL12 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Dog
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.2
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



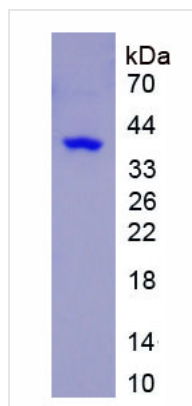
Bioactivity

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 #	73983780
NCBI GeneID	483773
NCBI Accession #	XP_540894.2
NCBI GenBank Nucleotide #	XM_540894.5
UniProt Accession #	F1PTA7
Molecular Weight	35,224 Da
NCBI Official Full Name	galectin-12 isoform X7
NCBI Official Synonym Full Names	galectin 12
NCBI Official Symbol	LGALS12
NCBI Protein Information	galectin-12
UniProt Protein Name	Galectin
UniProt Gene Name	LGALS12

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://www.aaabiotech.com/e-coli-active-protein/galectin-12-gal12/153027>