

Galectin 2 (GAL2) Active Protein | GAL2 active protein

Active Galectin 2 (GAL2)

CATALOG # AAA153012	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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PRODUCT SYNONYMS

Galectin 2 (GAL2); Active Galectin 2 (GAL2); Galectin 2; GAL2 active protein (prokaryotic); Mouse; LGALS2; HL14; Lectin; Galactoside-Binding Soluble 2; Beta-galactoside-binding lectin L-14-II; Lactose-binding lectin 2; S-Lac lectin 2; GAL2 active protein

PRODUCT SPECIFICATIONS

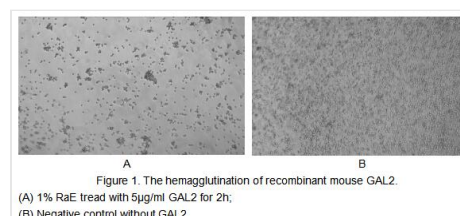
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met1~Glu130
Applicable Applications for GAL2 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.9
Research Area	Infection immunity
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



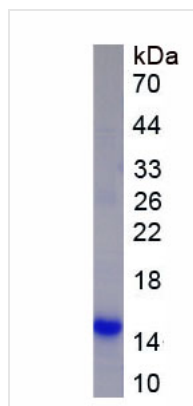
Bioactivity

Figure 2. The hemagglutination assay of GAL2 in V- bottom shaped 96-well microtiter plate.



Bioactivity

Galectin 2 (GAL2) belongs to the proto type group and consists of two homologous carbohydrate recognition domains (CRDs) resulting in multiple sugar binding sites. The expression of gal-2 has been shown to be involved in processes of angiogenesis and infl



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GAL2 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	269914146
NCBI GeneID	107753
NCBI Accession #	NP_079898.2
NCBI GenBank Nucleotide #	NM_025622.3
UniProt Accession #	Q9CQW5; Q9D800; Q9D862
Molecular Weight	14,880 Da
NCBI Official Full Name	galectin-2
NCBI Official Synonym Full Names	lectin, galactose-binding, soluble 2
NCBI Official Symbol	Lgals2
NCBI Official Synonym Symbols	AI324147; 2200008F12Rik
NCBI Protein Information	galectin-2; gal-2
UniProt Protein Name	Galectin-2
UniProt Gene Name	Lgals2
UniProt Synonym Gene Names	Gal-2
UniProt Entry Name	LEG2_MOUSE

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-2-gal2/153012>