

Galectin 4 (GAL4) Active Protein | GAL4 active protein

Active Galectin 4 (GAL4)

CATALOG # AAA153017	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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PRODUCT SYNONYMS

Galectin 4 (GAL4); Active Galectin 4 (GAL4); Galectin 4; GAL4 active protein (prokaryotic); Mouse; LGALS4; Lactose-Binding Lectin 4; L-36 Lactose-Binding Protein; L36LBP; Lectin; Galactoside-Binding Soluble 4; GAL4 active protein

PRODUCT SPECIFICATIONS

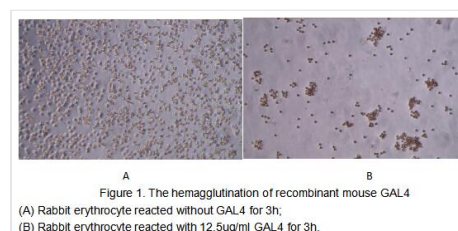
Host	E coli
Purity/Purification	Greater than 97% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Met1~Ile326
Applicable Applications for GAL4 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.4
Research Area	Tumor 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



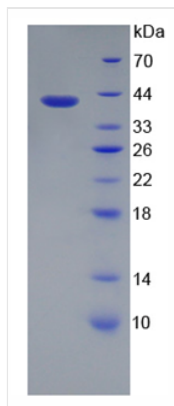
Bioactivity

Figure 2. The hemagglutination assay of GAL4 in V- bottom shaped 96-well microtiter plate.



Bioactivity

Galectin-4(GAL4) is a protein that in humans is encoded by the LGALS4 gene. The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS4 is an S-type lectin that is strongly undere



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GAL4 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46849705
NCBI GeneID	16855
NCBI Accession #	NP_034836.1
NCBI GenBank Nucleotide #	NM_010706.2
UniProt Accession #	Q8K419; O88353; Q91X74
Molecular Weight	36,372 Da
NCBI Official Full Name	galectin-4
NCBI Official Synonym Full Names	lectin, galactose binding, soluble 4
NCBI Official Symbol	Lgals4
NCBI Official Synonym Symbols	gal-4
NCBI Protein Information	galectin-4; lactose-binding lectin 4
UniProt Protein Name	Galectin-4
UniProt Gene Name	Lgals4
UniProt Synonym Gene Names	Gal-4
UniProt Entry Name	LEG4_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-4-gal4/153017>