Galectin 14 Recombinant Protein | GAL14 recombinant protein

Recombinant Galectin 14 (GAL14)

CATALOG #	HOST	APPLICATIONS
AAA145944	**E.coli**	**Western Blot, SDS-Page**

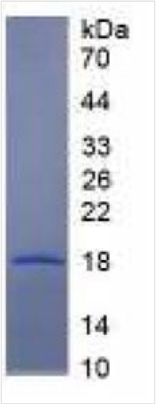
PRODUCT SYNONYMS

Galectin 14; Recombinant Galectin 14 (GAL14); Placental Protein 13-Like; Lectin; Galactoside-Binding Soluble 14; Charcot-Leyden crystal protein 2; GAL14 recombinant protein

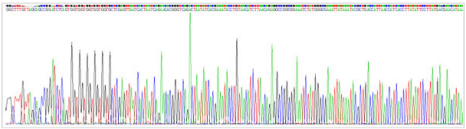
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 150ug/mL (varies by lot)
Applicable Applications for GAL14 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Met1~Asp139
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	6.9
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8ºC for one month. Aliquot and store at -80ºC 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°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.

IMAGES



SDS-PAGE



Gene Sequence
Gene Sequencing (extract

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MSSLPVPYTL PVSLPVGSCV IITGTPILTF VKDPQLEVNF YTGMDEDSDI
AFQFRLHFGH PAIMNSCVFG IWRYEEKCYY LPFEDGKPFE LCIYVRHKEY
KVMVNGQRIY NFAHRFPPAS VKMLQVFRDI SLTRVLISD
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	57163983
NCBI GeneID	443162
NCBI Accession #	NP_001009251.1
NCBI GenBank Nucleotide #	NM_001009251.1
Molecular Weight	Predicted Molecular Mass: 19.8kDa Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	galectin-14
NCBI Official Symbol	LOC443162
NCBI Protein Information	galectin-14

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/galectin-14-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145944