

Recombinant Active Human LGALS7 Protein, His-tagged(N-ter)

Cat. No. LGALS7-230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Active Human LGALS7 Protein with His tag (N-ter) was expressed in E. coli.
Species	Human
Source	E.coli
Description	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Differential and in situ hybridization studies indicate that this lectin is specifically expressed in keratinocytes and found mainly in stratified squamous epithelium. A duplicate copy of this gene (GeneID:653499) is found adjacent to, but on the opposite strand on chromosome 19. [provided by RefSeq, Jul 2008]
Form	Powder
Bio-activity	Measured by its ability to agglutinate human red blood cells. The ED50 for this effect is < 2 µg/mL.
AA Sequence	SNVPHKSSLPEGIRPGTVLRIRGLVPPNASRFHVNLLCGEEQGSDAALHFNPRLDTS EVVFNSKEQGSWGREGPGVPFQRGQPFEVLIASDDGFKAVVGDAQYHHFRHR LPLARVRLVEVGQDVQLDSVRIF
Endotoxin	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.

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Purity	> 98% (by SDS-PAGE)
Applications	SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.

GENE INFORMATION

Gene Name	LGALS7 lectin, galactoside-binding, soluble, 7 [Homo sapiens]
Official Symbol	LGALS7
Synonyms	LGALS7; lectin, galactoside-binding, soluble, 7; galectin-7; GAL7; galectin 7; LGALS7A; PIG1; TP53I1;
Gene ID	3963
mRNA Refseq	NM_002307
Protein Refseq	NP_002298

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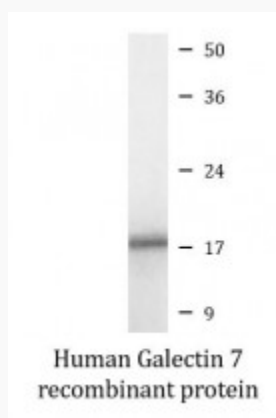
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MIM 600615

UniProt ID P47929

SDS-PAGE



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