

Active Recombinant Human LGALS7

Cat. No. LGALS7-4922H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Galectin-7 is a 15.4 kDa protein consisting of 136 amino acid residues.
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.
Form	Lyophilized protein
Bio-activity	Measured by its ability to agglutinate human red blood cells. The ED ₅₀ for the effect is typically 1-7 µg/ml.
Molecular Mass	15.4 kDa
Endotoxin	<0.1>
Purity	≥98% as determined by SDS-PAGE and HPLC.
Usage	For Research Use Only! Not to be used in humans.

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Storage	-20°C
Reconstitution	Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers.
Shipping	Blue ice

GENE INFORMATION

Gene Name	LGALS7?lectin, galactoside-binding, soluble, 7 [?Homo sapiens?]
Official Symbol	LGALS7
Synonyms	LGALS7; GAL7; LGALS7A; lectin, galactoside-binding, soluble, 7; galectin-7; galectin 7; PIG1; TP53I1; HKL-14; Gal-7; p53-induced gene 1 protein; PI7
Gene ID	3963
mRNA Refseq	NM_002307
Protein Refseq	NP_002298
MIM	600615
Chromosome Location	19q13.2

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