

Recombinant Human LGALS14, His-tagged

Cat. No. LGALS14-26800TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human LGALS14 with an N terminal His tag ; Predicted MWt: 18.5 kDa;
Species	Human
Source	E.coli
ProteinLength	139 amino acids
Description	This gene is predominantly expressed in placenta. The encoded protein belongs to the galectin (galaptin/S-lectin) family. The members of galectin family contain one or two carbohydrate recognition domains, which can bind beta-galactoside. Two alternatively spliced transcript variants encoding distinct isoforms have been observed.
Conjugation	HIS
Molecular Weight	18.500kDa
Tissue specificity	Highly expressed in placenta.
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMGSMSSLPVPYTLPVSLPVGSCVIITGTPILTFVKDP QLEVNFYTGMDSDIAFQFRLHFGHPAIMNSRVFGIWRYEEKCYLPPFEDGKPFEL CIYVRHKEYKVMVNGQRIYNFAHRFPASVKMLQVLRDISLTRVLISD
Sequence Similarities	Contains 1 galectin domain.

GENE INFORMATION

Gene Name	LGALS14 lectin, galactoside-binding, soluble, 14 [Homo sapiens]
Official Symbol	LGALS14
Synonyms	LGALS14; lectin, galactoside-binding, soluble, 14; placental protein 13-like; CLC2; PPL13;
Gene ID	56891
mRNA Refseq	NM_203471
Protein Refseq	NP_982297
MIM	607260
Uniprot ID	Q8TCE9

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Chromosome Location	19q13
Function	sugar binding;