Recombinant Human Lectin, Galactoside-Binding, Soluble, 13

Cat. No. LGALS13-458H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGALS13 produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 16kDa. The LGALS13 also might appear as a homodimer, having a total Mw of 32kDa. LGALS13 was purified using standard chromatography techniques.
Species	Human
Source	Human
Description	Recombinant Galectin-13 is an E. coli expressed peptide, this protein is one of human placenta specific galectins, like all galectin family, it contains a carbohydrate recognition domain (CRD) as well. Increased blood concentration was found highly asscoaited with preeclampsia and HELLP syndrome in pregnant women. The molecular weight of galectin-13 is 16kDa.
Form	LGALS13 is formulated with 0.5M urea and 1x PBS buffer.
Purity	Greater than 95.0% as determined by SDS-PAGE.
Physical Appearance	Sterile Filtered colorless solution.
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

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GENE INFORMATION

Gene Name	LGALS13 lectin, galactoside-binding, soluble, 13 [Homo sapiens]
Official Symbol	LGALS13
Synonyms	LGALS13; lectin, galactoside-binding, soluble, 13; PP13; GAL13; PLAC8; gal-13; galactoside-binding soluble lectin 13; galectin 13; Placental protein 13; galectin-13; Placental tissue protein 13; EC 3.1.1.5; Gal-13; beta-galactoside-binding lectin; Galectin-13
Gene ID	29124
mRNA Refseq	NM_013268
Protein Refseq	NP_037400
MIM	608717
UniProt ID	Q9UHV8
Chromosome Location	19q13.1
Function	carboxylesterase activity; hydrolase activity; lysophospholipase activity; sugar binding

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