



Galectin-13, human recombinant (rHuLGALS13)

Catalog No: 97457
Lot No: XXXXX
Source: *E. coli*
Synonyms: Galactoside-binding soluble lectin 13, Galectin-13, Gal-13, Placental tissue protein 13, PP13, Placental protein 13, LGALS13, PLAC8, GAL13

Background

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 associated with preeclampsia and HELLP syndrome in pregnant women. The molecular weight of galectin-13 is 16 kDa.

Description

Recombinant human LGALS13 produced in *E. coli* is a single, non-glycosylated polypeptide chain having a molecular mass of 16 kDa. LGALS13 also might appear as a homodimer, having a total Mw of 32 kDa. LGALS13 was purified using standard chromatography techniques.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The LGALS13 protein solution (0.5 mg/ml) is formulated in 1xPBS buffer pH 7.4.

Stability

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Usage

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