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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

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.