

## LGALS13 Human

**Description:** 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.

**Catalog #:** CYPs-011

For research use only.

**Synonyms:** Galactoside-binding soluble lectin 13, Galectin-13, Gal-13, Placental tissue protein 13, PP13, Placental protein 13, LGALS13, PLAC8, GAL13.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

LGALS13 protein solution (0.5mg/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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

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 16kDa.

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