
Product Data Sheet

Product Name: LGALS13 Human
 Cat. No.: GP20294
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Galactoside-binding soluble lectin 13; Galectin-13; Gal-13; Placental tissue protein 13; PP13; Placental protein 13; LGALS13; PLAC8; GAL13.		
Amino Acid Sequence	macglvasnl nlkpgeclrv rgevapdaks fvlnlgkdsn nlclhfnprf nahgdantiv cnskdggawg teqreavfpf qpgsvaevci tfdqanltvk lpdgyefkfp nrlnleainy maadgdfkik cvafd.		
Formulation	LGALS13 protein solution (0.5mg/ml) is formulated in 1xPBS buffer pH 7.4.		

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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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