

Product information



LGALS13, 1-139aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2493

Full name: Galactoside-binding soluble lectin 13

NCBI Accession No.: NP_037400

Synonyms: GAL13, PLAC8, PP13

Description: Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene has lysophospholipase activity. It is composed of two identical subunits which are held together by disulfide bonds. This protein has structural similarity to several members of the beta-galactoside-binding S-type lectin family. Recombinant human LGALS13 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT.</p> <p>Molecular Weight: 18.5kDa (162aa), confirmed by MALDI-TOF</p> <p>Purity: > 95% by SDS - PAGE</p> <p>Concentration: 0.25 mg/ml (determined by Bradford assay)</p>	<p>(kDa) 70 57 40 28 18 13.5 8.5 15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p><u>MGSSHHHHHH</u> SSGLVPRGSH <u>MGSMSSLPVP</u> YKLPVLSLVG SCV I IKGTP I HSFINDPQLQ VDFYTDMD E D SD I AFRFRVH FGNHVVMNRR EFGIWMLEET TDYVPFEDGK QFELCIYVHY NEYEIKVNGI RIYGFVHRIP PSFVKMQVS RDI SLTSCV CN</p>	

General references:

Than NG, Pick E, *et al.* (2004). *Eur J Biochem.* 271(6):1065-78.

Visegrády B, Than NG, *et al.* (2001). *Protein Eng.* 14(11):875-80.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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