

Recombinant human LGALS13, His-tagged

Cat. No. LGALS13-2493H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LGALS13 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT.
Molecular Mass	18.5kDa (162aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSSLPVP YKLPVSLSVG SCVIKGTPI HSFINDPQLQ VDFYTDMDDED SDIAFRFRVH FGNHVVMMNRREFGIWMLEET TDYVPFEDGK QFELCIYVHY NEYEIKVNGI RIYGFVHRIP PSFVKMVQVS RDISLTSVCV CN
Purity	>95% by SDS - PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	LGALS13 lectin, galactoside-binding, soluble, 13 [Homo sapiens]
Official Symbol	LGALS13
Synonyms	LGALS13; lectin, galactoside-binding, soluble, 13; galactoside-binding soluble lectin 13; galectin 13; PLAC8; PP13; gal-13; galectin-13; placental protein 13; placental tissue protein 13; beta-galactoside-binding lectin; GAL13;
Gene ID	29124
mRNA Refseq	NM_013268
Protein Refseq	NP_037400
MIM	608717
UniProt ID	Q9UHV8
Chromosome Location	19q13.1
Function	carboxylesterase activity; hydrolase activity; lysophospholipase activity; sugar binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA