

Product information

LGALS14, 1-139aa

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

Cat. No. IBATGP0796

Full name: Placental protein 13-like

NCBI Accession No.: AAH22257

Synonyms: Galectin-14, Gal-14, CLC2, MGC22235, PPL13

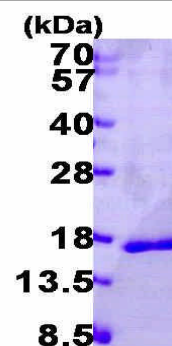
Description: LGALS14, also known as Galectin14, belongs to the galectin family of carbohydrate binding proteins. This protein is expressed intracellularly in placenta and eosinophils and is released by eosinophils following allergen stimulation. It may be involved in the development of allergic inflammation. Recombinant human LGALS14 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol
0.1M NaCl, 1mM DTT

Molecular Weight: 18.5 kDa (162aa) confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMSLPPV YTLVSLPVG SCVITGTPI LTFVKDPQLE VNFYTGMDSD IAFQFRLH FGHPAIMNSR
VFGIWRYYEK CYLPPFEDGK PFELCIYVRH KEYKVMVNGQ RIYNFAHRFP PASVKMLQVL RDISLTRLVLI SD

General references:

Athanasiadou S., *et al.* (2008), *Vet Res.*, 39(6):58

Young AR., *et al.* (2009). *Glycoconj J.*, 26(4):423-32

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.