

LGALS14,1-139aa, Human, His tag, E.coli

Cat.NO.: TP02808

3th Edition

Synonyms:Placental protein 13-like, 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

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMSSLPVPYTLPVSLPVGSCVIITGTPILTFVKDPQLEVNIFYTGMDSDIAFQ
FRLHFGHPAIMNSRVFGIWRYEEKCYLFPEDGKPFELCIYVRHKEYKVMVNGQRIYNFAHRFPPASVKMLQVLRDI
SLTRVLISD

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.