

32-1236: LGALS14 Recombinant Protein

Alternative Name : Placental protein 13-like, Charcot-Leyden crystal protein 2, CLC2, Galectin-14, Gal-14, LGALS14, PPL13, MGC22235.

Description

Source : Escherichia Coli. LGALS14 Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 162 amino acids (1-139 a.a.) and having a molecular mass of 18.5kDa. The LGALS14 is purified by proprietary chromatographic techniques. Galectin14, aka LGALS14, is a member of the galectin family of carbohydrate binding proteins. Galectin family members contain one or two carbohydrate recognition domains, which can bind beta-galactoside. The LGALS14 gene is predominantly expressed in the placenta. LGALS14 is expressed intracellularly in the placenta and eosinophils and is released by eosinophils following allergen stimulation. LGALS14 may be involved in the development of allergic inflammation.

Product Info

Amount : 5 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : The LGALS14 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
Storage condition : LGALS14 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMSLPVP YTLPVSLPVG SCVIITGTPI LTFVKDPQLE VNFYTGMDDED SDIAFQFRLH FGHPAIMNSR VFGIWRYEEK CYYLPFEDGK PFELCIYVRH KEYKVMVNGQ RIYNFAHRFP PASVKMLQVL RDISLTRVLI SD.

