

Galectin-14 Human Recombinant

Item Number	rAP-2242
Synonyms	Placental protein 13-like, Charcot-Leyden crystal protein 2, CLC2, Galectin-14, Gal-14, LGALS14, PPL13, MGC22235.
Description	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.
Uniprot Accession Number	Q8TCE9
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSMSSLPVP YTLPVSLPVG SCVIITGTPI LTFVKDPQLE VNFYTGMDDED SDIAFQFRLH FGHPAIMNSR VFGIWRYEEK CYYLPFEDGK PFELCIYVRH KEY- KVMVNGQ RIYNFAHRFP PASVKMLQVL RDISLTRVLI SD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The LGALS14 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**