Recombinant Human Galectin-14/LGALS14 Protein (His

Tag)

Catalog Number: PKSH032472



Note: Centrifuge before opening to ensure complete recovery of vial contents.

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Synonyms Placental Protein 13-Like; Charcot-Leyden Crystal Protein

2;CLC2;Galectin-14;Gal-14;LGALS14;PPL13

Species Human

Expression Host

Sequence

Met 1-Asp139

Accession

AAH22257.1

Calculated Molecular Weight

Observed molecular weight

Tag

HEK293 Cells

Met 1-Asp139

AAH22257.1

17.1 kDa

16 kDa

C-His

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Storage Store at $< -20^{\circ}$ C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping This product is provided as liquid. It is shipped at frozen temperature with blue

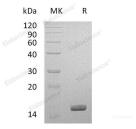
ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Formulation Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM

DTT, 20% Glycerol, pH 8.0.

Reconstitution Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Galectin-14 is a member of the Galectin family of carbohydrate binding proteins. The members of Galectin family contain one or two carbohydrate recognition domains, which can bind β -Galactoside. LGALS14 is expressed intracellularly in placenta and eosinophils, and is released by eosinophils following allergen stimulation. LGALS14 may be involved in the development of allergic inflammation. Two alternatively spliced transcript variants encoding distinct isoforms have been observed.

For Research Use Only

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