Recombinant Human SIGLEC9/CD329 Protein (His Tag)

Catalog Number: PKSH033787

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

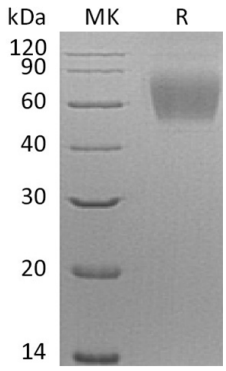
Description

Species	Human
Source	HEK293 Cells-derived Human SIGLEC9;CD329 protein Gln18-Gly348, with an C-terminal His
Calculated MW	36.9 kDa
Observed MW	55-90 kDa
Accession	AAH35365.2
Bio-activity	Not validated for activity

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	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, 2mM EDTA, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Sialic acid-binding Ig-like lectin 9(Siglec 9) is expressed by peripheral blood leukocytes (neutrophils and monocytes but not eosinophils); and found in liver; fetal liver; bone marrow; placenta; spleen and in lower levels in skeletal muscle; fetal brain and so on. It is a putative adhesion molecule that mediates sialic-acid dependent binding to cells. It also binds to alpha-2;3- or alpha-2;6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface.