

Recombinant human SIGLEC5 protein, C-hFc (HEK293)

Catalog Number: bs-47193P

Concentration: >0.5 mg/ml

AA Seq: 17-434/551

Predicted MW: 73.1

Detected MW: Due to glycosylation, the protein migrates to 90-115 kDa based on Tris-Bis PAGE result.

Tags: C-hFc

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

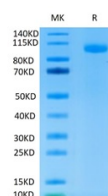
Form: Lyophilized

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

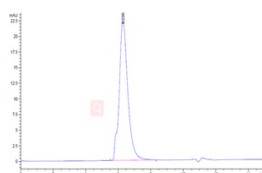
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Binds equally to alpha2,3-linked and alpha2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. This molecule is expressed by monocytic/myeloid lineage cells. Found at high levels in peripheral blood leukocytes, spleen, bone marrow and at lower levels in lymph node, lung, appendix, placenta, pancreas and thymus. Expressed by monocytes and neutrophils but absent from leukemic cell lines representing early stages of myelomonocytic differentiation.

VALIDATION IMAGES



Recombinant siglec 5 Protein on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



The purity of siglec 5 Protein is greater than 95% as determined by SEC-HPLC.