Non-biotinylated Human Siglec-3/CD33 Protein

Catalog # CD33-HP001 Form: Lyophilized

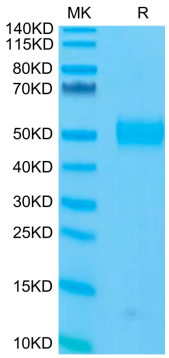
Product Details

Product description	Recombinant Human Siglec-3/CD33 Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues Asp18-His259 (UniProt accession: P20138-1).
Molecular aliases	CD33 molecule; CD33; FLJ00391; gp67; Siglec3; Siglec-3; p67
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 29.6 kDa. Due to glycosylation, the protein migrates to 52-60 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in 20 mM MES, 500 mM NaCl, 200 mM L-Arginine (pH 5.0). Normally 8% mannitol is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human Siglec-3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.