

Active Recombinant Human SIGLEC15 protein, His-tagged

Cat. No. SIGLEC15-1137H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIGLEC15 protein(Phe 20 - Thr 263), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe 20 - Thr 263
Form	Lyophilized from 0.22 µm filtered solution in 25 mM MES, 150 mM NaCl, pH7.5, 10% trehalose.
Bio-activity	Immobilized Human Siglec-15, His Tag at 1 µg/mL (100 µL/well) can bind Mouse Human chimeric mAb (5G12, Human IgG1) with a linear range of 0.2-2 ng/mL. Immobilized Human Siglec-15, His Tag at 10 µg/mL (100 µL/well) can bind Neu5Ac(a2-6)GalNAc-PAA-biotin with a linear range of 0.078-0.313 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 28.4 kDa. The protein migrates as 33-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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