# Active Recombinant Mouse SIGLEC15 protein, His-tagged

**Cat. No.** SIGLEC15-0676M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse SIGLEC15 protein(Arg24-Thr262), fused with His tag, was expressed in HEK293. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **ProteinLength** | 24-262 a.a. |
| **Form** | Lyophilized from 0.22 μm filtered solution in PBS with Arginine, pH7.4. Normally trehalose is added as protectant before lyophilization. |
| **Bio-activity** | Immobilized Mouse Siglec-15, His Tag at 5 μg/mL (100 μL/well) can bind Mouse Human chimeric MAb (5G12, Human IgG1) with a linear range of 0.3-2 ng/mL. Immobilized Mouse Siglec-15, His Tag at 10 μg/mL (100 μL/well) can bind Neu5Ac(a2-6)GalNAc-PAA-biotin with a linear range of 0.078-1.25 μg/mL. |
| **Molecular Mass** | This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 27.5 kDa. The protein migrates as 33-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| **Proteinlength** | Arg24-Thr262 |
| **Endotoxin** | Less than 1.0 EU per μg by the LAL method. |

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| **Purity** | >90% as determined by SDS-PAGE. |
| **Storage** | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| **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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