

## Active Recombinant Human SIGLEC15 protein, His-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SIGLEC15 protein(Phe 20 - Thr 263), fused with His tag, was expressed in HEK293.                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Phe 20 - Thr 263                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in 25 mM MES, 150 mM NaCl, pH7.5, 10% trehalose.                                                                                                                                                                                                               |
| <b>Bio-activity</b>     | 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.<br>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. |
| <b>Molecular Mass</b>   | 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.                                                                                                   |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                                                                |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                           |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | 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. |
| <b>Reconstitution</b> | 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.                                                                                                       |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA