

# Recombinant Human B-cell Receptor CD22/Siglec-2/CD22 (C-6His)

## RPES6306

### Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Protein Information

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**SKU:** RPES6306

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Contents:** 100µg, 20µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Synonyms:** B-cell receptor CD22, B-lymphocyte cell adhesion molecule, BL-CAM, CD22, CD22 antigenMGC130020, CD22 molecule, SIGLEC2FLJ22814, Siglec-2, T-cell surface antigen Leu-14, sialic acid binding Ig-like lectin 2

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.  
Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** C-His-Avi

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** HEK293 Cells

**Bio-Activity:** Loaded Biotinylated Human Siglec-2-His-Avi on HIS1K Biosensor, can bind Anti- Human Siglec-2 mAb-Fc with an affinity constant of 0.16 nM as determined in BLI assay.

**Calculated MW:** 78.0 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** 110-130 kDa

**Reconstitution:** Please refer to the printed manual for detailed information. Loaded Biotinylated Human Siglec-2-His-Avi on HIS1K Biosensor, can bind Anti-

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

Human Siglec-2 mAb-Fc with an affinity constant of 0.16 nM as determined in BLI assay.

**Accession:** P20273

**Source:** HEK293 Cells-derived Human Siglec-2, CD22 protein Asp20-Arg687, with an C- terminal His & Avi

**Sequence:** Asp20-Arg687

**Form:** Lyophilized powder

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.