

## Recombinant Cynomolgus CD19 protein, His-tagged

**Cat. No.** CD19-1489C    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Cynomolgus CD19 protein(A0A2K5W8L9)(Gln21-Trp291), fused with C-terminal His tag, was expressed in HEK293.  |
| <b>Species</b>          | Cynomolgus  |
| <b>Source</b>           | C-His   |
| <b>ProteinLength</b>    | Gln21-Trp291  |
| <b>Tag</b>              | C-His   |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.  |
| <b>Bio-activity</b>     | Anti-CD19 Antibody, hFc Tag captured on CM5 Chip via Protein A can bind Cynomolgus/Rhesus macaque CD19, His Tag with an affinity constant of 0.48 µM as determined in SPR assay (Biacore T200). |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 30.96 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.   |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.   |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.  |

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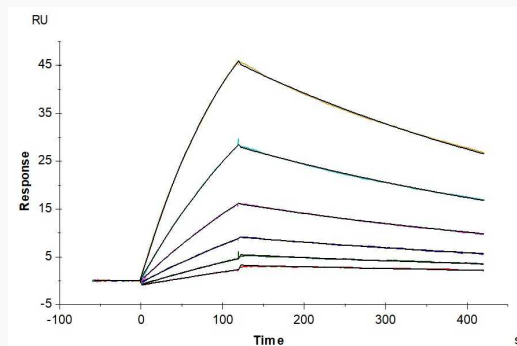
 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage**

Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

**Reconstitution**

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

**Tris-Bis PAGE****SPR**

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