

CD32A Protein, Cynomolgus, Recombinant (His)

General Information

Synonyms:	Fc fragment of IgG receptor IIa
Protein Construction:	Gln28-Pro208
Species:	Cynomolgus
Expression Host:	HEK293 Cells
Accession:	Q8SPW4-1
Molecular Weight:	21.3 kDa (predicted); 30-40 kDa (reducing condition, due to glycosylation)

QC Testing

Biological Activity:	<p>Cynomolgus Fc gamma RIIA, His Tag captured on CM5 Chip via Anti-his antibody can bind Rituximab with an affinity constant of 4.39 μM as determined in SPR assay (Biacore T200).</p> <p>
</p> <p>Loaded Cynomolgus Fc gamma RIIA, His Tag on Anti-His-Biosensor, can bind Rituximab with an affinity constant of 1.75 μM as determined in BLI assay (Gator).</p>
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin:	< 1.0 EU/ μg of the protein as determined by the LAL method.
Formulation:	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 $\mu\text{g}/\text{ml}$. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C . For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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