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Recombinant Mouse ErbB-2/HER2/CD340 Protein

Catalog No.: RP01165 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	13866	P70424

Tags
C-His

Synonyms
CD340;c-erbB2;c-neu;Erbb-2;HER-2;HER2;Neu;HER2/ERBB2;CD340;c-erbB2;c-neu;Erbb-2;HER-2;HER2;Neu;HER2/ERBB2

Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

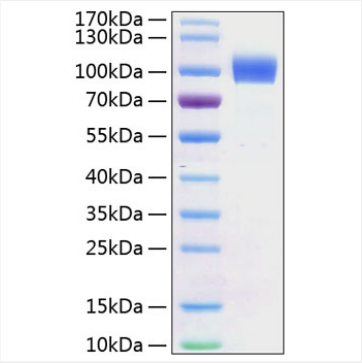
Basic Information

Description
Recombinant Mouse ErbB-2/HER2/CD340 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Thr23-Thr653) of mouse HER2/ErbB2 (Accession #NP_001003817.1) fused with a 6×His tag at the C-terminus.

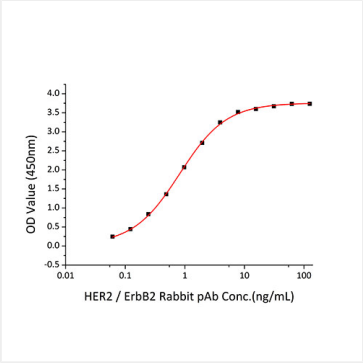
Bio-Activity
Measured by its binding ability in a functional ELISA.Immobilized Human ErbB2 at 1 μg/mL (100 μL/well) can bind ErbB2 Rabbit pAb with a linear range of 0.06-0.8 ng/mL.

Storage
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse ErbB-2/HER2/CD340 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 100-110 kDa.



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