

Recombinant Mouse ErbB-2/HER2/CD340 Protein

Catalog No.: RP01166 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	13866	P70424

Tags

C-hFc&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

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 an Fc, 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 0.06-1 ng/mL.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
96.43 kDa	120-140 kDa

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

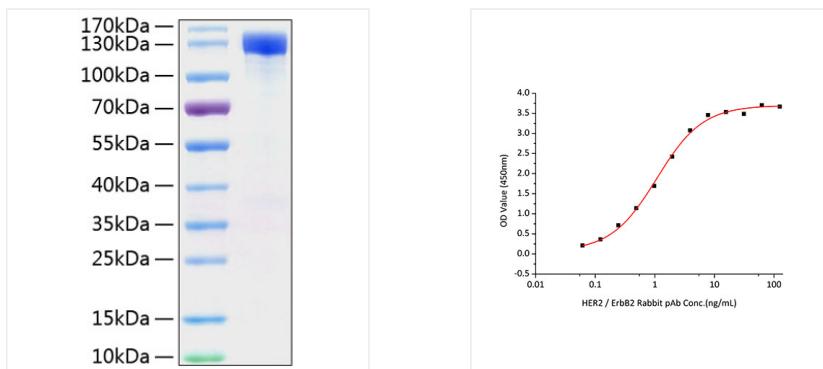
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot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

Contact

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Validation Data



Recombinant Mouse ErbB-2/HER2/CD340 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

Immobilized Human ErbB2 at 1 μ g/mL (100 μ L/well) can bind ErbB2 Rabbit pAb with a linear range of 0.06-1 ng/mL.