Recombinant Mouse ErbB-2/HER2/CD340 Protein

Catalog No.: RP01166

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Sequence Information

Species	Gene ID
Mouse	13866

Swiss Prot	Tags
P70424	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

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

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

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20℃

Operational Notes

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

Contact

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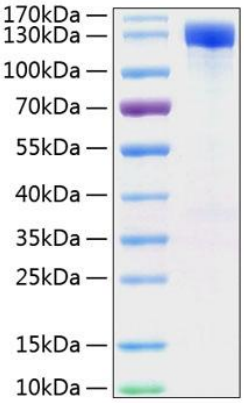
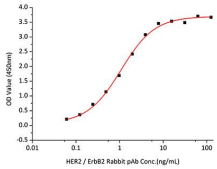
For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



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



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