

RP00895

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Recombinant Human HER2/CD340/ERBB2 Protein

Catalog No.: RP00895

Recombinant

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 2064 | P04626 |

Tags

C-Fc

Synonyms

ERBB2; CD340; HER-2; HER-2/neu; HER2; MLN 19; NEU; NGL; TKR1; MLN19; erb-b2 receptor tyrosine kinase 2;ErbB2;Phospho-ErbB2 (Y1139);CD340;HER-2;HER-2/neu;HER2; MLN 19;NEU;NGL;TKR1;erb-b2 receptor tyrosine kinase 2;HER2/ErbB2;MLN19

Product Information

| Source | Purification |
|--------------|--------------------|
| HEK293 cells | > 95% by SDS-PAGE. |

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Basic Information

Description

Recombinant Human HER2/CD340/ERBB2 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Thr23-Thr652) of human HER2/CD340/ERBB2 (Accession #P04626) fused with an Fc tag at the C-terminus.

Bio-Activity

Measured by its ability to block anti-ErbB2 mediated inhibition of SK-BR-3 human breast cancer cell proliferation. The ED₅₀ for this effect is typically 20-80 ng/mL in the presence of 0.6 μg/mL goat anti-hErbB2.

Storage

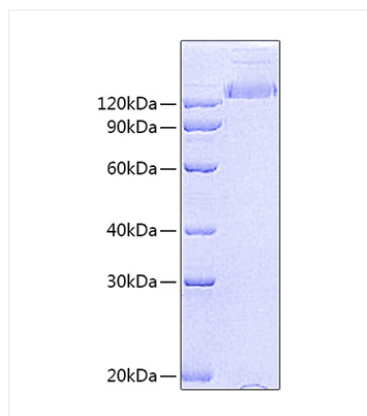
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human HER2/CD340/ERBB2
Protein was determined by SDS-PAGE under
reducing conditions with Coomassie Blue.