

Recombinant Human ErbB2/Her2 Protein

Catalog No.: RP02057LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	2064	P04626

Tags

Supplied as 0.22um filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

Synonyms

CD340; HER-2; HER-2/neu; HER2; MLN 19; NEU; NGL; TKR1

Product Information

Source	Purification
Mammalian	> 95% by SDS-PAGE.

Calculated MW Observed MW

Endotoxin

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

Formulation

Supplied as 0.22um filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Background

ErbB2, also called Neu and Her2 (human epidermal growth factor receptor 2), is a type I membrane glycoprotein that is a member of the ErbB family of tyrosine kinase receptors. ErbB family members serve as receptors for the epidermal growth factor (EGF) family of growth factors. Upon ERBB2 activation, the MEMO1-RHOA-DIAPH1 signaling pathway elicits the phosphorylation and thus the inhibition of GSK3B at cell membrane. This prevents the phosphorylation of APC and CLASP2, allowing its association with the cell membrane.

Basic Information

Description

Recombinant Human CD39 Protein is produced by mammalian expression system. The target protein is expressed with sequence (Thr23-Thr652) of human ErbB2/Her2 (Accession #P04626) fused with a 6xHis, Avi tag at the C-terminus.

Bio-Activity

Immobilized Human Her2 at 0.2ug/mL (100μL/well), dose response curve for Anti-Her2 Ab Trastuzumab with the EC₅₀ of 17.4ng/mL determined by ELISA.

Storage

This product is stable at ≤ -70° C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

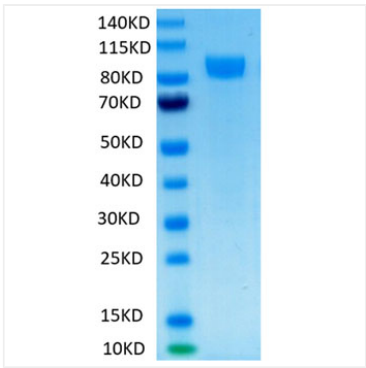
Contact

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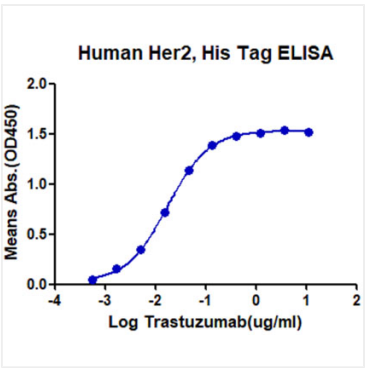
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Validation Data



Recombinant Human ErbB2/Her2 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 80-100 kDa.



Immobilized Human Her2 at 0.2ug/mL (100μL/well), dose response curve for Anti-Her2 Ab Trastuzumab with the EC₅₀ of 17.4ng/mL determined by ELISA.