

Active GMP Recombinant Human ERBB2 protein

Cat. No. ERBB2-111HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human ERBB2 Protein (NP_001005862, 630aa), was expressed in HEK293 cell with C-terminal His Tag (animal component-free process under cGMP guidelines).
Species	Human
Source	HEK293
ProteinLength	630 aa
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The concentration of immobilized human Her2 (His tag) is 100 ng/mL (100uL/well), and the linear binding range that can bind to Her2 antibody is 0.1-5 ng/mL.
Molecular Mass	Recombinant Human HER2 protein contains 630aa. It has a predicted MW of 71kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	ERBB2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) [Homo sapiens]
Official Symbol	ERBB2
Synonyms	ERBB2; CD340; HER-2/neu; MLN19; NEU; NGL; TKR1
Gene ID	2064
mRNA Refseq	NM_001005862
Protein Refseq	NP_001005862
MIM	164870
UniProt ID	P04626

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