

Active Recombinant Human ERBB2 Protein, His & Avi-tagged, Biotinylated

Cat. No. ERBB2-360H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERBB2 Protein (P04626-1, 23-652aa), was expressed in human 293 cells (HEK293) with C-terminal His tag, C-terminal Avi tag and biotinylated conjugate (calculated MW: 73.0 kDa; migrates as 85-95 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation; predicted N-terminus: Thr 23).
Species	Human
Source	HEK293
ProteinLength	23-652 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Trastuzumab at 3 µg/mL (100 µL/well) can bind Biotinylated Recombinant Human ERBB2 Protein, His & Avi-tagged, Biotinylated with a linear range of 0.2-6 ng/mL (QC tested).
Molecular Mass	73.0 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Notes	Please avoid repeated freeze-thaw cycles.
Stability	No activity loss is observed after storage at: 4-8 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Biotin

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; HER2; NEU; herstatin; p185erbB2; proto-oncogene Neu; NGL; TKR1; HER-2; MLN 19; HER-2/neu;
Gene ID	2064
mRNA Refseq	NM_001005862
Protein Refseq	NP_001005862

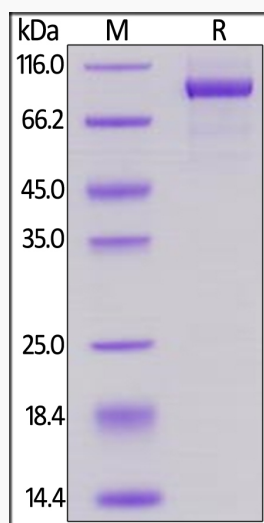
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