

HER2/CD340 Protein, Human (HEK 293, His)

Cat. No.:	HY-P70254
Synonyms:	rHuReceptor tyrosine-protein kinase erbB-2/HER2, His; Receptor tyrosine-protein kinase erbB-2; Metastatic lymph node gene 19 protein; Proto-oncogene Neu; Tyrosine kinase-type cell surface receptor HER2; ERBB2; MLN19; NGL; TKR1
Species:	Human
Source:	HEK 293
Accession:	P04626 (T23-T652)
Gene ID:	2064
Molecular Weight:	90-120 kDa

PROPERTIES

AA Sequence

T Q V C T G T D M K	L R L P A S P E T H	L D M L R H L Y Q G	C Q V V Q G N L E L
T Y L P T N A S L S	F L Q D I Q E V Q G	Y V L I A H N Q V R	Q V P L Q R L R I V
R G T Q L F E D N Y	A L A V L D N G D P	L N N T T P V T G A	S P G G L R E L Q L
R S L T E I L K G G	V L I Q R N P Q L C	Y Q D T I L W K D I	F H K N N Q L A L T
L I D T N R S R A C	H P C S P M C K G S	R C W G E S S E D C	Q S L T R T V C A G
G C A R C K G P L P	T D C C H E Q C A A	G C T G P K H S D C	L A C L H F N H S G
I C E L H C P A L V	T Y N T D T F E S M	P N P E G R Y T F G	A S C V T A C P Y N
Y L S T D V G S C T	L V C P L H N Q E V	T A E D G T Q R C E	K C S K P C A R V C
Y G L G M E H L R E	V R A V T S A N I Q	E F A G C K K I F G	S L A F L P E S F D
G D P A S N T A P L	Q P E Q L Q V F E T	L E E I T G Y L Y I	S A W P D S L P D L
S V F Q N L Q V I R	G R I L H N G A Y S	L T L Q G L G I S W	L G L R S L R E L G
S G L A L I H H N T	H L C F V H T V P W	D Q L F R N P H Q A	L L H T A N R P E D
E C V G E G L A C H	Q L C A R G H C W G	P G P T Q C V N C S	Q F L R G Q E C V E
E C R V L Q G L P R	E Y V N A R H C L P	C H P E C Q P Q N G	S V T C F G P E A D
Q C V A C A H Y K D	P P F C V A R C P S	G V K P D L S Y M P	I W K F P D E E G A
C Q P C P I N C T H	S C V D L D D K G C	P A E Q R A S P L T	

Biological Activity 2 µg/mL (100 µL/well) of immobilized recombinant Human Receptor tyrosine-protein kinase erbB-2/HER2-His can bind Anti-Human HER2 with an ED50 value of 89.54 ng/mL.

Appearance Lyophilized powder.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Endotoxin Level <1 EU/µg, determined by LAL method.

Reconstitution It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH₂O.

Storage & Stability Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping

Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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