

Her2/ErbB2 recombinant protein

Biotinylated Human Her2/ErbB2 Protein Recombinant

CATALOG #	HOST
AAA76356	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

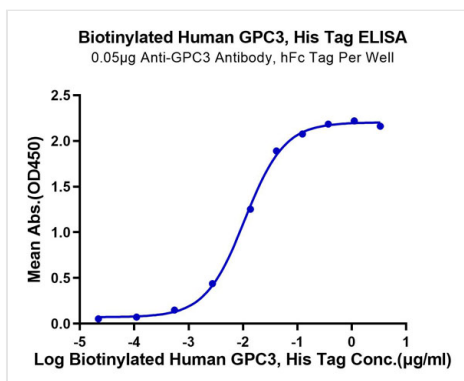
PRODUCT SYNONYMS

Her2/ErbB2; Biotinylated Human Her2/ErbB2 Protein Recombinant; Her2/ErbB2 recombinant protein

PRODUCT SPECIFICATIONS

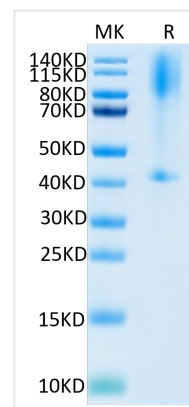
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human Her2/ErbB2 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human Her2/ErbB2 including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Activator, Transferase, Receptor
Biological Process	Transcription
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C

IMAGES



ELISA

Biotinylated Human GPC3/Glypican 3 Protein ELISA Data: Immobilized Anti-GPC3 Antibody, hFc Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human GPC3, His Tag with the EC₅₀ of 10.8 ng/ml determined by ELISA.



Tris-Bis-PAGE

Biotinylated Human GPC3/Glypican 3 Protein Tris-Bis PAGE: Biotinylated Human GPC3 on Tris-Bis PAGE under reduced condition. The purity is greater than 90%.

ADDITIONAL INFORMATION

Product Categories/Family for Her2/ErbB2 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54792098
NCBI GeneID	2064
NCBI Accession #	NP_001005862.1
NCBI GenBank Nucleotide #	NM_001005862.1
UniProt Accession #	P04626; P00533 EGFR_HUMAN; P01730 CD4_HUMAN; P21860 ERBB3_HUMAN; Q13882; Q15303 ERBB4_HUMAN; P62988; Q93034
Molecular Weight	137,910 Da
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-2 isoform b
NCBI Official Synonym Full Names	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)
NCBI Official Symbol	ERBB2
NCBI Official Synonym Symbols	NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu
NCBI Protein Information	receptor tyrosine-protein kinase erbB-2; herstatin; p185erbB2; proto-oncogene Neu; c-erb B2/neu protein; proto-oncogene c-ErbB-2; metastatic lymph node gene 19 protein; tyrosine kinase-type cell surface receptor HER2; neuroblastoma/glioblastoma derived on
UniProt Protein Name	Receptor tyrosine-protein kinase erbB-2
UniProt Gene Name	ERBB2
UniProt Synonym Gene Names	HER2; MLN19; NEU; NGL; MLN 19
UniProt Entry Name	ERBB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/erbb2-recombinant-protein-hek293-cells/76356>