

Her3/ErbB3 recombinant protein

Biotinylated Human Her3/ErbB3 Protein Recombinant

CATALOG #	HOST
AAA76209	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

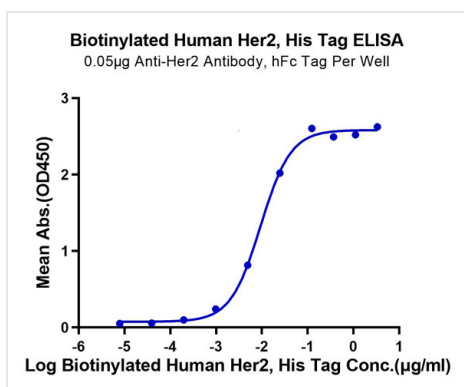
PRODUCT SYNONYMS

Her3/ErbB3; Biotinylated Human Her3/ErbB3 Protein Recombinant; Her3/ErbB3 recombinant protein

PRODUCT SPECIFICATIONS

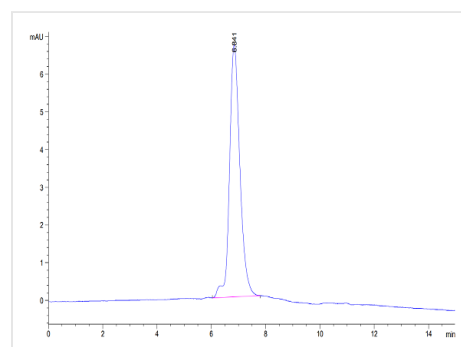
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human Her3/ErbB3 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human Her3/ErbB3 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	Transferase, Receptor
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 Her2/ErbB2 Protein ELISA Data: Immobilized Anti-Her2 Antibody, hFc Tag at 0.5 µg/ml (100% I/Well) on the plate. Dose response curve for Biotinylated Human Her2, His Tag with the EC₅₀ of 9.4 ng/ml determined by ELISA.



Application Data

Biotinylated Human Her2/ErbB2 Protein SEC-HPLC: The purity of Biotinylated Human Her2 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human Her2/ErbB2 Protein Tris-Bis PAGE Biotinylated Human Her2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for Her3/ErbB3 recombinant protein	Biotinylated proteins
--	-----------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792102
NCBI GeneID	2065
NCBI Accession #	NP_001005915.1
NCBI GenBank Nucleotide #	NM_001005915.1
UniProt Accession #	P21860; P00533 EGFR_HUMAN; P04626 ERBB2_HUMAN; O41931; P01730 CD4_HUMAN; P21860 ERBB3_HUMAN; P27986; Q02297 NRG1_HUMAN; Q15303 ERBB4_HUMAN
Molecular Weight	148,098 Da
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-3 isoform s
NCBI Official Synonym Full Names	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)
NCBI Official Symbol	ERBB3
NCBI Official Synonym Symbols	HER3; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3
NCBI Protein Information	receptor tyrosine-protein kinase erbB-3; proto-oncogene-like protein c-ErbB-3; tyrosine kinase-type cell surface receptor HER3
UniProt Protein Name	Receptor tyrosine-protein kinase erbB-3
UniProt Gene Name	ERBB3
UniProt Synonym Gene Names	HER3
UniProt Entry Name	ERBB3_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.