

ErbB3/HER3 recombinant protein

Recombinant ErbB3/HER3 (665-1342) protein

CATALOG # AAA60409	HOST Baculovirus
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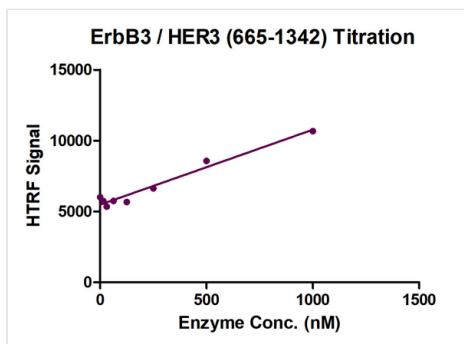
PRODUCT SYNONYMS

ErbB3/HER3; Recombinant ErbB3/HER3 (665-1342) protein; Receptor tyrosine protein kinase erbB-3; HER3; Oncogene Homolog 3; LCCS2; FERLK; ErbB-3; ErbB3-S; EC 2.7.10; ErbB3/HER3 recombinant protein

PRODUCT SPECIFICATIONS

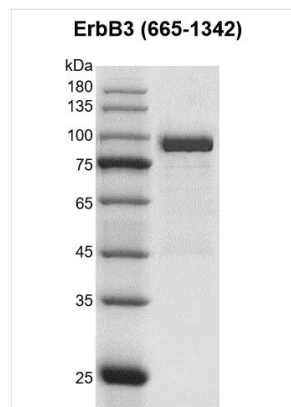
Host	Baculovirus
Form/Format	Recombinant ErbB3/HER3 (665-1342) protein is supplied in 25 mM HEPES pH 7.5, 300 mM NaCl, 20% glycerol, 0.04% Triton X-100, 0.5 mM TCEP.
Protein Species	Human
Protein Details	Recombinant ErbB3/HER3 (665-1342) protein that includes amino acids 665-1342 of human ErbB3 protein (accession number NP_001973.2) was expressed in a baculovirus expression system and contains an N-terminal DYKDDDDK tag. The molecular weight of the protein is 76.52kDa.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

IMAGES



Application Data

HTRF assay for ErbB3/HER3 (665-1342) activity 1uM TK substrate was incubated with different concentrations of ErbB3 (665-1342) protein in 10ul reaction system containing 1xEnzymatic Buffer, 5 mM MgCl₂, 1 mM DTT, 1 mM MnCl₂, 5 nM SEB and 100uM ATP for 1 hour. Then 10ul detection reagents containing anti-TK antibody (1:2) and SA-XL665 (1:100) diluted with 1x Detection Buffer were added and incubated with the reactions for 30 min. All the operations and reactions were performed at room temperature. HTRF assay was used for detection.



SDS-PAGE

Recombinant ErbB3/HER3 (665-1342) protein 10% SDS-PAGE Coomassie staining MW: 76.52kDa Purity: >95%

ADDITIONAL INFORMATION

Related Product Information for ErbB3/HER3 recombinant protein	ErbB3 (Receptor tyrosine-protein kinase erbB-3) is a tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to neuregulin-1 (NRG1) and is activated by it; ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase. May also be activated by CSPG5. Involved in the regulation of myeloid cell differentiation.
Product Categories/Family for ErbB3/HER3 recombinant protein	Kinase ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

Molecular Weight	76.52kDa
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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/erbb3/her3-recombinant-protein-baculovirus/60409>