

Mouse Erbb3 Blocking Peptide (P1076)

Synthetic peptide

Catalog # BP21398a

Specification**Mouse Erbb3 Blocking Peptide (P1076) - Product Information**Primary Accession [Q61526](#)**Mouse Erbb3 Blocking Peptide (P1076) - Additional Information****Gene ID** 13867**Other Names**Receptor tyrosine-protein kinase erbB-3,
Glial growth factor receptor,
Proto-oncogene-like protein c-ErbB-3, Erbb3**Target/Specificity**

The synthetic peptide sequence is selected from aa 1076-1090 of HUMAN Erbb3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Erbb3 Blocking Peptide (P1076) - Protein Information**Name** Erbb3**Function**

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

Mouse Erbb3 Blocking Peptide (P1076) - Background

Binds and is activated by neuregulins and NTAK. May also be activated by CSPG5.

Mouse Erbb3 Blocking Peptide (P1076) - ReferencesYamauchi J., et al. Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases.
Moscoso L.M., et al. Dev. Biol. 172:158-169(1995).
Kwon H.S., et al. J. Biol. Chem. 288:26357-26371(2013).

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.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

In the muscle, expression localizes to the synaptic sites of muscle fibers

Mouse Erbb3 Blocking Peptide (P1076) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)