

Mouse Erbb3 Blocking Peptide (P1076)
Synthetic peptide
Catalog # BP21398a**Specification**

Mouse Erbb3 Blocking Peptide (P1076) - Product InformationPrimary 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 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](#)

Mouse Erbb3 Blocking Peptide (P1076) - Images

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) - References

Yamauchi 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).