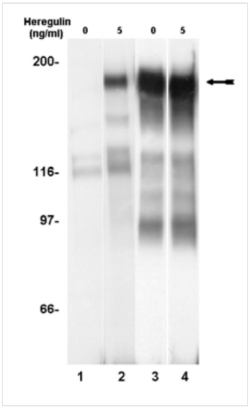
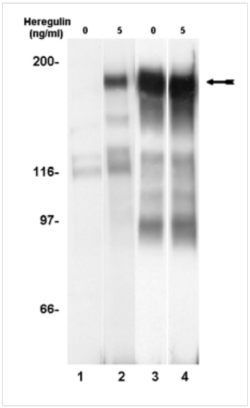
Heregulin Beta, EGF Domain (Hrgb) Peptide – Synthetic Peptide, Affinity Purified>90% Purified by gel filtration chromatography (SDS-PAGE and Coomassie blue staining). Purity

PRODUCT OVERVIEW

Product Name	Heregulin beta, EGF Domain, Peptide
Full Product Name	Heregulin beta, EGF Domain (HRGb)
Host	E Coli
Form/Format	Supplied as a liquid in PBS, 30% glycerol.
Purity/Purification	Affinity Purified >90% Purified by gel filtration chromatography (SDS-PAGE and Coomassie blue staining).
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 6 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.
Biological Activity	Assessed by increased tyrosine phosphorylation of the c-erb B3/HER-3 receptor in Heregulin-beta treated MCF-7 cells.
Product Categories/Family for Heregulin beta, EGF Domain peptide	Molecular Biology; MB-Neuroscience
Related Product Information for Heregulin beta, EGF Domain peptide	Heregulin is a glycoprotein, containing immunoglobulin-like and EGF-like domains, that is produced as a transmembrane proform and is expressed by a variety of cell types including neurons, astrocytes, fibroblasts and keratinocytes. At least 12 different heregulin isoforms, resulting from alternative splicing from a single gene, have been identified. The isoforms differ in the N-terminal, EGF-like, juxtamembrane domains and in the cytoplasmic tail. Thrombin cleaved GST fusion protein corresponding to the EGF domain of Heregulin-ß3 (aa178-241).
Other Notes	Small volumes of Heregulin beta, EGF Domain peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Heregulin beta, EGF Domain purchase	MBS658262 is a peptide targeting Heregulin beta, EGF Domain. Also known as Heregulin beta, EGF Domain (HRGb). Host: E Coli.



Testing Data of Heregulin beta, EGF Domain peptide
Receptor activation Analysis: Representative blot from a previous lot. Serum starved MCF-7 cells were stimulated with H2030-50 (5ng/ml). The erbB-3/HER-3 receptor was|immuno-precipitated with E3451-35 (5ug). Immune complexes, split into duplicatesamples, were resolved by|electrophoresis and transferred to nitrocellulose.



Testing Data of Heregulin beta, EGF Domain peptide
Lanes 1 and 2 were probed with P4078-05 (1ug/ml). Lanes 3 and 4, containing duplicate samples were probed with E3451-35 (1ug/ml). Proteins were visualized using an IgG (HRP) goat anti-mouse and a chemiluminescence detection system. Arrow indicates erbB-3.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/peptide/heregulin-beta-egf-domain/658262