

Product Information

Recombinant Mouse Erbb2, Fc tagged

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Catalog#	MK0316M
Product Name	Recombinant Mouse Erbb2, Fc tagged
Product Overview	Recombinant Mouse Erbb2 (P70424) extracellular domain (Met 1-Thr 653), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Description	Mouse Erbb2 is a single-pass type I? membrane protein, cytoplasm protein and nucleus protein which belongs to the protein kinase superfamily, Tyr protein kinase family and EGF receptor subfamily. Mouse Erbb2 is an essential component of a neuregulin-receptor complex, although neuregulins do not interact with it alone.
Source	HEK293 cells
Species	Mouse
Tag	Fc
Formulation	Lyophilized from a 0.2μm filtered solution of PBS, pH 7.4.
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The secreted recombinant mouse ERBB2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 872 amino acids and has a calculated molecular mass of 96.7 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 120-130 kDa in SDS-PAGE under reducing conditions.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per μg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.