

Product Information

Recombinant Rat Erbb4, Fc tagged

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Catalog#	MK0354R
Product Name	Recombinant Rat Erbb4, Fc tagged
Product Overview	Recombinant Rat Erbb4 (Met1-Pro651), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Description	ErbB4, also known as Her4, is a member of the tyrosine kinase receptors (RTK) and the epidermal growth factor receptor (EGFR) subfamily, and appears to play important roles in differentiation, development and certain carcinomas. It is a single transmembrane-span type I glycoprotein structurally consisting of multiple cysteine rich domains, a transmembrane domain, a tyrosine kinase domain, a phosphatidylinositol-3 (PI-3) kinase binding site and a PDZ domain binding motif. However, the last two domains are ab
Source	HEK293 cells
Species	Rat
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 recombinant rat ERBB4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 867 amino acids and has a predicted molecular mass of 96.9 kDa. The apparent molecular mass of the protein is approximately 119 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.