

Recombinant Rat Erbb2 Protein (Ala67-Val323), C-His tagged

Cat. No. Erbb2-6839R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat Erbb2 (Ala67-Val323) fused with the C-terminal His tag was expressed in mammalian cells.
Species	Rat
Source	Mammalian Cells
ProteinLength	Ala67-Val323
Description	Enables Hsp90 protein binding activity; protein tyrosine kinase activity; and ubiquitin protein ligase binding activity. Involved in several processes, including animal organ development; nervous system development; and positive regulation of intracellular signal transduction. Located in several cellular components, including basolateral plasma membrane; lateral loop; and microvillus. Biomarker of congestive heart failure and median neuropathy. Human ortholog (s) of this gene implicated in carcinoma (multiple); dilated cardiomyopathy; high grade glioma; reproductive organ cancer (multiple); and urinary bladder cancer. Orthologous to human ERBB2 (erb-b2 receptor tyrosine kinase 2).
Form	Lyophilized powder/frozen liquid
Molecular Mass	127.27 kDa
Purity	> 90 % as determined by SDS-PAGE

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	ErbB2 erb-b2 receptor tyrosine kinase 2 [Rattus norvegicus (Norway rat)]
Official Symbol	ErbB2
Synonyms	ErbB2; erb-b2 receptor tyrosine kinase 2; neu; HER2/neu; receptor tyrosine-protein kinase erbB-2; Avian erythroblastosis viral (v-erb-B2) oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog); C-erbB-2; NEU proto-oncogene; epidermal growth factor receptor-related protein; p185erbB2; p185neu; proto-oncogene NEU; proto-oncogene c-ErbB-2; receptor tyrosine-protein kinase erbB-2-like; v-erb-b2 avian erythroblastic leukemia viral oncogene 2; v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog
Gene ID	24337
mRNA Refseq	NM_017003
Protein Refseq	NP_058699

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