Recombinant Rat ErbB2 protein

Cat. No. Erbb2-4099R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Erbb2 Protein (AAH61863.1, 4-656aa), was expressed in HEK293 without tag.
Species	Rat
Source	HEK293
ProteinLength	4-656 aa
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat ErbB2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 638 amino acids and predicts a molecular mass of 70.6 kDa. The apparent molecular mass of the rat ErbB2 is approximately 95-105 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Erbb2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) [Rattus norvegicus]
Official Symbol	ErbB2
Synonyms	ERBB2; v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian); receptor tyrosine-protein kinase erbB-2; p185neu; C-erbB-2; p185erbB2; NEU proto-oncogene; proto-oncogene NEU; proto-oncogene c-ErbB-2; epidermal growth factor receptor-related protein; Avian erythroblastosis viral (v-erb-B2) oncogene homologue 2 (neuro/glioblastoma derived oncogene homolog);
Gene ID	24337
mRNA Refseq	NM_017003
Protein Refseq	NP_058699

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA