

## Active Recombinant Mouse ErbB3 protein, His-tagged

Cat. No. ErbB3-1411M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse ErbB3 protein(Ser20-His641), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	20-641 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
<b>Bio-activity</b>	Immobilized Mouse ErbB3, His Tag at 2 µg/mL (100 µL/well) can bind Human NRG1 Beta 1, Fc Tag with a linear range of 0.5-8 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 70.4 kDa. The protein migrates as 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Ser20-His641
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name**

ErbB3 v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) [ Mus musculus ]

**Official Symbol**

ErbB3

**Synonyms**

ERBB3; v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian); receptor tyrosine-protein kinase erbB-3; c-erbB-3; receptor tyrosine kinase; glial growth factor receptor; proto-oncogene-like protein c-ErbB-3; avian erythroblastosis oncogene B 3 receptor; Her3; C76256; Erbb-3; Erbb3r; MGC117742;

**Gene ID**

13867

**mRNA Refseq**

NM\_010153

**Protein Refseq**

NP\_034283

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA