

Active Recombinant Mouse ErbB3 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse ErbB3 protein(Ser20-His641), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	20-641 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	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.
Molecular Mass	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.
Proteinlength	Ser20-His641
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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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

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