Active Recombinant Monkey ERBB3 Protein, Fc-tagged, FITC conjugated

Cat. No. ERBB3-1178RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC conjugated recombinant Rhesus (Macaca mulatta) ErbB3 (XP_001113953.2) extracellular domain (Met 1-Thr 643) was fused with the Fc region of human IgG1 at the C-terminus.
Species	Monkey
Source	HEK293
ProteinLength	865
Form	Lyophilized
Bio-activity	1. Measured by its ability to human NRG1 (aa 20-241) in functional Elisa. 2. Measured by its ability to human NRG1 (aa 177-241) in functional Elisa. 3. Measured by its ability to human NRG1 (aa 20-241)-His in functional Elisa.
Molecular Mass	The recombinant Rhesus ErbB3/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 865 amino acids and predicts a molecular mass of 95.7 kDa. As a result of glycosylation, rhesus ErbB3/Fc monomer migrates as an approximately 130-140 kDa band in SDS-PAGE under reducing conditions.
N-terminal Sequence Analysis	Ser 20

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Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to-70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	FITC

GENE INFORMATION

Gene Name	ERBB3 erb-b2 receptor tyrosine kinase 3 [Macaca mulatta]
Official Symbol	ERBB3
Synonyms	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3

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Gene ID	711407

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