Catalog Number: 519275



General Information

Gene Name Synonym

Receptor tyrosine-protein kinase erbB-2, Epidermal growth factor receptor-related protein, Proto-oncogene Neu, Proto-oncogene c-ErbB-2, p185erbB2, p185neu, CD340, ERBB2.

Protein Construction

A DNA sequence encoding the Rat Erbb2/Neu Ala67-Val323 is expressed with a 6His tag at the C-terminus.

Organism

Rat

Expression Host

E. coli

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

 ${<}1.0$ EU per μg protein as determined by the LAL method.

Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM Tris,150mM NaCl, 4M Urea, pH 8.0.

Usage Guide

Storage

Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μ g/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE

NR	R	MK	kDa
	144	1	120
			90
		-	60
		-	40
1	-	-	30
		-	20
		-	14

Rat Erbb2/Neu (His tag) recombinant protein