

RPCB0631

Product Information

Product SKU:	RPCB0631	Gene ID:	2064	Size:	100µg
Tag:	C-hFc	Reactivity:	Human		

Additional Information

Expression Host:	E. coli	Swissprot:	P04626-1
Purity:	> 95% by SDS-PAGE ; > 95% by HPLC		

Protein Information

Background: ErbB2, also called Neu and Her2 (human epidermal growth factor receptor 2), is a type I membrane glycoprotein that is a member of the ErbB family of tyrosine kinase receptors. ErbB family members serve as receptors for the epidermal growth factor (EGF) family of growth factors. Upon ERBB2 activation, the MEMO1-RHOA-DIAPH1 signaling pathway elicits the phosphorylation and thus the inhibition of GSK3B at cell membrane. This prevents the phosphorylation of APC and CLASP2, allowing its association with the cell membrane.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human ErbB-2/HER2/CD340 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1 EU/µg of the protein by LAL method

Formulation: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.