ABGENEX Pvt. Ltd.,
E-5, Infocity, KIIT Post Office,
Tel : +91-674-2720712, +91-9437550560
Email : info@abgenex.com
Bhubaneswar, Odisha - 751024, INDIA

32-3004: ErbB2 Recombinant Protein

Alternative Name :	NEU,NGL,HER2,TKR1,HER-2,c-erb B2,HER-2/neu,Receptor tyrosine-protein kinase erbB-2,EC 2.7.10.1,p185erbB2,C-erbB-2,NEU proto-oncogene,Tyrosine kinase-type cell surface receptor HER2,MLN 19,CD340 antigen.

Description

Source : Escherichia Coli. ErbB-2 Human Recombinant is a 43.4 kDa protein containing 397 amino acid residues of the human Herstatin, and an extra Methionine at N-Terminal (underlined), produced in E.coli. HER-2/neu (erbB-2) encodes an 185-kDa orphan receptor tyrosine kinase that is constitutively active as a dimer and displays potent oncogenic activity when overexpressed. Herstatin, as the product of alternative HER-2 transcript, retains intron 8.The herstatin mRNA is expressed in normal human fetal kidney and liver, but is at reduced levels relative to p185HER-2 mRNA in carcinoma cells that contain an amplified HER-2 gene. Herstatin appears to be an inhibitor of p185HER-2, because it disrupts dimers, reduces tyrosine phosphorylation of p185, and inhibits the anchorage-independent growth of transformed cells that overexpress HER-2.

Product Info

Amount :	20 µg
Purification :	Greater than 95% as determined by densitometric image analysis.
Content :	The ErbB-2 filtered (0.4µm) solution in 0.05M Acetate buffer pH-4 and 5% trehalose.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MTQVCTGTDM KLRLPASPET HLDMLRHLYQ GCQVVQGNLE LTYLPTNASL SFLQDIQEVQ GYVLIAHNQV RQVPLQRLRI VRGTQLFEDN YALAVLDNGD PLNNTTPVTG ASPGGLRELQ LRSLTEILKG GVLIQRNPQL CYQDTILWKD IFHKNNQLAL TLIDTNRSRA CHPCSPMCKG SRCWGESSED CQSLTRTVCA GGCARCKGPL PTDCCHEQCA AGCTGPKHSD CLACLHFNHS GICELHCPAL VTYNTDTFES MPNPEGRYTF GASCVTACPY NYLSTDVGSC TLVCPLHNQE VTAEDGTQRC EKCSKPCARG THSLPPRPAA VPVPLRMQPG PAHPVLSFLR PSWDLVSAFY SLPLAPLSPT SVPISPVSVG RGPDPDAHVA VDLSRYEG.