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32-6966: ErbB3 Human, sf9

Alternative Name :	Tyrosine Kinase ErbB-3, sf9, ErbB3 sf9, Receptor tyrosine-protein kinase erbB-3, ERBB3, Proto-oncogene-like protein c-ErbB-3, Tyrosine kinase-type cell surface receptor HER3, HER3, Receptor tyrosine-protein kinase erbB-3 isoform, c-erbB-3, ErbB-3, erbB3-S, LCCS2, MDA-BF-1, p180-ErbB3, p45-sErbB3, p85-sErbB3.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
ErbB3, also called Her3 (human epidermal growth factor receptor 3), 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. Among ErbB family members, ErbB3 is unique in that it contains a defective kinase domain. ErbB3 is expressed in keratinocytes, melanocytes, skeletal muscle cells, embryonic myoblasts and Schwann cells. Monomeric ErbB3 serves as a low affinity receptor for the heregulins (HRG). ErbB3 can induce specific antibody production in vivo, hence to inhibit tumor cell growth. ErbB-3 can be used to treat early, medium and advanced or post-operative breast cancer with over-expression of ErbB2. According to its mechanism of action, ErbB3 is classified as a therapeutic for cancer.
ErbB3 Human RecombinantÂ produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 863 amino acids (20-643 a.a.) and having a molecular mass of 95.6kDa (Migrates at 100-150kDa on SDS-PAGE under reducing conditions).ErbB3 is expressed with a 239 amino acid hIgG-HisÂ tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	ErbB3 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
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 :	SEVGNSQAVC PGTLNGLSVT GDAENQYQTL YKLYERCEVV MGNLEIVLTG HNADLSFLQW IREVTGYVLV AMNEFSTLPL PNLRVVRGTQ VYDGKFAIFV MLNYNTNSSH ALRQLRLTQL TEILSGGVYI EKNDKLCHMD TIDWRDIVRD RDAEIVVKDN GRSCPPCHEV CKGRCWGPGS EDCQTLTKTI CAPQCNGHCF GPNPNQCCHD ECAGGCSGPQ DTDCFACRHF NDSGACVPRC PQPLVYNKLT FQLEPNPHTK YQYGGVCVAS CPHNFVVDQT SCVRACPPDK MEVDKNGLKM CEPCGGLCPK ACEGTGSGSR FQTVDSSNID GFVNCTKILG NLDFLITGLN GDPWHKIPAL DPEKLNVFRT VREITGYLNI QSWPPHMHNF SVFSNLTTIG GRSLYNRGFS LLIMKNLNVT SLGFRSLKEI SAGRIYISAN RQLCYHHSLN WTKVLRGPTE ERLDIKHNRP RRDCVAEGKV CDPLCSSGGC WGPGPGQCLS CRNYSRGGVC VTHCNFLNGE PREFAHEAEC FSCHPECQPM EGTATCNGSG SDTCAQCAHF RDGPHCVSSC PHGVLGAKGP IYKYPDVQNE CRPCHENCTQ GCKGPELQDC LGQTLVLIGK THLTRSPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTPPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE ALHNHYTQKS LSLSPGKHHH HHH.

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