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ERBB3, 20-643aa, Human, His tag, Insect cell

产品货号: TP02040

第三版

别名: Receptor tyrosine-protein kinase erbB-3 isoform, c-erbB-3, ErbB-3, erbB3-S, HER3, LCCS2, MDA-BF-1, p180-ErbB3, p45-sErbB3, p85-sErbB3

描述: ERBB3, also known as receptor tyrosine-protein kinase erbB-3, is a member of the epidermal growth factor receptor (EGFR/ERBB) family of receptor tyrosine kinases. ErbB3 has been shown to bind the ligands heregulin and NRG-2. Ligand binding causes a change in conformation that allows for dimerization, phosphorylation, and activation of signal transduction. ErbB3 can heterodimerize with any of the other three ErbB family members. The theoretical ErbB3 homodimer would be non-functional because the kinase-impaired protein requires transphosphorylation by its binding partner to be active. Recombinant human ERBB3, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In phosphate buffered saline (pH7.4) containing 10% glycerol.

分子量: 95.6kDa (863aa) (100-150kDa in SDS-PAGE under reducing conditions.)

序列:

SEVGNQAVCPGTLNGLSVTGAENQYQTLTKLYERCEVVMGNLEIVLTGHNADLSFLQWIREVTGYVVLVAMNEFSTLP
LPNLRVVRGTQVYDYGKFAIFVMLNYNTNSSHALRQLRLTLTEILSGGVYIEKNDKLCHMDTIDWRDIVRDRDAEIVVKD
NGRSCPPCHEVCKGRCWGPGEEDCQTLTKTICAPQCNGHCFGNPNQCCHDECAGGCSGPQDTCFACRHFNDSGA
CVPRCPQLVYNKLTFLQEPNHTKYQYGGVVCVASCNHFVVDQTSVCRACPPDKMEVDKNGLKMCEPCGGLCPKAC
EGTSGSRFQTVDSNIDGFVNCTKILGNLDFLITGLNGDPWHKIPALDPEKLNVFRTVREITGYLNIQSWPPHMHNFVFS
NLTTIGGRSLYNRGFSLLIMKNLNVTSLGFRSLKEISAGRIYISANRQLCYHHSLNWTKVLRGPTTEERLDIKHNRPRDCVAE
GKVCPLCSSGGCWGPGPGQCLSCRNYRGGVCVTHCNFLNGEPREFAHEAECFCHPEQCQMEGTATCNGSGSDTCA
QCAHFRDGPCHVSSCPHGVLGAKGPIYKYPDVQNECRPHENCTQGCKGPELQDCLGQTLVLIGKTHLTRSPKCDKT
HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVV
SVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESN
GQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSSVMHEALHNHYTQKSLSLSPGKHHHHHHH

纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.