

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

EGFR, 25-645aa, Human, hIlgG-His tag, CHO cell

产品货号: TP01985

第三版

别名: Epidermal growth factor receptor, ERBB, ERBB1, HER1, mENA, NISBD2, PIG61

描述: EGFR, also known as epidermal growth factor receptor, is a member of the ErbB family of receptors, a subfamily of four closely related receptor tyrosine kinase. This protein is type I transmembrane glycoprotein that binds a subset of EGF family ligands including EGF, amphiregulin, TGF- α , betacellulin, etc. It can also be recruited to form heterodimers with the ligand activated ErbB3 or ErbB4. EGFR signaling regulates multiple biological functions including cell proliferation, differentiation, motility, and apoptosis.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 95.5kDa (860aa), 100-150kDa (SDS-PAGE under reducing conditions.)

序列:

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LEEKKVCQGTSNKLTQLGTFEDHFLSLQRMFNCEVVLGNLEITYVQRNYDLSFLKTIQEVAGYVLIANTVERIPLNLQI  
IRGNMYYENSYALAVLSNYDANKTGLKELPMRNLQEILHGAVRFSNNPALCNVESIQWRDIVSSDFLSNMDFQNLHLS  
CQKCDPSPNGSCWGAGEENCQKLTKIICAQQCSGRGRGKSPSDCCHNQCAAGCTGPRESCLVCRKFRDEATCKDTC  
PPLMLYNPTTYQMDVNPEGKYSFGATCVKKCPRNYVVTDHGSCVRACGADSYEMEEDGVRKCKKCEGPCRKVCNGIG  
IGEFKDSLSINATNIKHFKNCTSIGDLHILPVAFRGDSFHTHTPLDPQELDILKTVKEITGFLLIQAWPENRTDLHAFENLEI  
RGRTKQHGGQFSLAVVSLNITSLGLRSLKEISDGDVVISGNKNLCYANTINWKKLFGTSGQKTKIISNRGENSCKATGQVCHA  
LCSPEGCWGPEPRDCVSCRNVSRGECVDKCNLLEGEPRFVENSECIQCHPECLPQAMNITCTGRGPDNCIQCAHYID  
GPHCVKTCPAGVMGENNTLVWKYADAGHVCHLCHPNCTYGCTGPGLEGPTNGPKIPSRSPKSCDKTHTCPPCPAPEL  
LGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDW  
LNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTP  
PVLDSGDGFFLYSKLTVDKSRWQQGNVFCVMHEALHNHYTQKLSLSLSPGKHHHHHHH
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纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 μ g 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.