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CHRNA3, 32-240aa, Human, His tag, E.coli

产品货号: TP01616

第三版

别名: Neuronal acetylcholine receptor subunit alpha-3 isoform 1, LNCR2, NACHRA3, PAOD2

描述: CHRNA3 also known as neuronal acetylcholine receptor subunit alpha-3 isoform 1 is a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins form pentameric complexes comprised of both alpha and beta subunits. CHRNA3 is a ligand-gated ion channel that likely plays a role in neurotransmission. CHRNA3 have been associated with an increased risk of smoking initiation and an increased susceptibility to lung cancer. Alternatively spliced transcript variants have been described. Recombinant human CHRNA3 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

分子量: 27kDa (232aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSSEAEHRLFERLFEDYNEIIRPVANVSDPVIIHFEVSMQLVKVDEVNQIMETNLWLK  
QIWNDYKWKWNPSPDYGGAEFMRVPAQKIWKPDIVLYNNAVGDVQVDDKTKALLKYTGVEVTWIPPAIFKSSCKIDVITYFP  
FDYQNCTMKFGSWSYDKAKIDLVLIGSSMNLKDYWESGEWAIKAPGYKHDIKYNCC EEIYPDITYSLYIRRL

纯度: > 95% by HPLC

浓度: 1mg/ml (determined by assay)

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.