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CHRNA6, 26-239aa Human, His tag, E.coli

产品货号: TP01617

第三版

别名:Cholinergic receptor, nicotinic, alpha, CHNRA6

描述:Cholinergic receptor, nicotinic, alpha 6, also known as CHRNA6, belongs to the nicotinic acetylcholine receptors (nAChRs) family. nAChRs are heteropentameric ligand-gated ion channels resulting from the assembly of alpha and beta protein subunits. This ion channel is gated by the binding of acetylcholine to the assembled receptor. Alpha 6 is often found associated with beta 3, beta 2, and alpha 4 subunits. CHRNA6 receptors have a relatively selective localization to the nigrostriatal pathway where they function to mediate dopamine release. Recombinant human CHRNA6 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量:29.3 kDa (250aa)

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSKGCVGCATEERLFHKLFSHYNQFIRPVENVSDPVTVHFE
VAITQLANVDEVNQIMETNLWLRHIWNDYKLRWDPMEYDGIETLRVPADKIWKPDIVLYNNAVGDVFQVEGKTKALLKY
NGMITWTPPAIFKSSCPMDITFFPFDHQNCSLKFSGSWTYDKAEIDLLIIGSKVDMNDFWENSEWEIIDASGYKHDIKYNCC
EEIYTDITYSFYIRRL

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford 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.