Product Name: Recombinant Human NACHRA5 (C-6His)
Catalog #: PHH1957

概述（Summary）

英文全称	NACHRA5/CHRNA5/Neuronal Acetylcholine Receptor Subunit alpha-5
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Neuronal Acetylcholine Receptor Subunit α-5/NACHRA5 is produced by our Mammalian expression system and the target gene encoding Arg23-Thr254 is expressed with a 6His tag at the C-terminus.
Accession #	P30532
蛋白标签（Tag）	
表达宿主（Host）	Human Cells
种属（Species）	Human
预测分子量（Predicted MW）	27.6 KDa
蛋白形态（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4.
储存缓冲液（Buffer）	
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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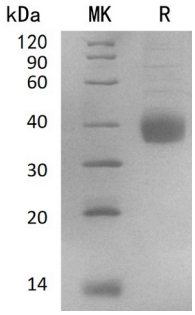

背景（Background）

分子别名（Alternative Names） Neuronal Acetylcholine Receptor Subunit Alpha-5; CHRNA5; NACHRA5

背景介绍（References） Neuronal Acetylcholine Receptor Subunit α-5 (NACHRA5) is a member of the ligand-gated ion channel family. Neuronal AChR is composed of two different type of subunits: α and non-α. When NACHRA5 binds to acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits, leading to the opening of an ion-conducting channel across the plasma membrane. Genetic variations in NACHRA5 have been related to susceptibility to smoking-related behavioral traits and lung cancer, contributing to the smoking quantitative trait locus 3.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.