

Recombinant Full Length Human CHRNA1 Protein, GST-tagged

Cat. No. CHRNA1-3225HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHRNA1 full-length ORF (BAG37716.1, 1 a.a. - 457 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	457 amino acids
Description	The muscle acetylcholine receptor consists of 5 subunits of 4 different types: 2 alpha subunits and 1 each of the beta, gamma, and delta subunits. This gene encodes an alpha subunit that plays a role in acetylcholine binding/channel gating. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Nov 2012]
Molecular Mass	76.67 kDa
AA Sequence	MEPWPLLLLFSLCSAGLVLGSEHETRLVAKLFKDYSSVVRPVEDHRQVVEVTVGLQL IQLINVDEVNQIVTTNVRLKQQWVDYNLKWNPDDYGGVKKIHIPSEKIWRPDLVLYNN ADGDFAIVKFTKVLLQYTGHITWTPPAIFKSYCEIIVTHFPFDEQNCMKLGTWTYDG SVVAINPESDQPDLSNFMESGEWWIKESRGWKHSVTYSCCPDTPYLDITYHFVMQR LPLYFIVNVIIPCLLFSFLTGLVFYLPDTSGEKMTLSISVLLSLTVFLLVIVELIPSTSSAV PLIGKYMLFTMVFVIASIIITVIVINTHHRSPSTHVMPNWVRKVFIDTIPNIMFFSTMKRP SREKQDKKIFTEDIDISDISGKPGPPPMGFHSPLIKHPEVKSAIEGIKYIAETMKSDQES

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NNAAAEWKYVAMVMDHILLGVFMLVCIIGTLAVFAGRLIELNQGG

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CHRNA1 cholinergic receptor, nicotinic, alpha 1 (muscle) [Homo sapiens]

Official Symbol

CHRNA1

Synonyms

CHRNA1; cholinergic receptor, nicotinic, alpha 1 (muscle); cholinergic receptor, nicotinic, alpha polypeptide 1 (muscle), CHRNA; acetylcholine receptor subunit alpha; acetylcholine receptor; nicotinic; alpha 1 (muscle); nicotinic cholinergic receptor alpha 1; muscle nicotinic acetylcholine receptor; nicotinic acetylcholine receptor alpha subunit; acetylcholine receptor, nicotinic, alpha 1 (muscle); cholinergic receptor, nicotinic, alpha polypeptide 1 (muscle); ACHRA; ACHRD; CHRNA; CMS2A; FCCMS; SCCMS;

Gene ID

1134

mRNA Refseq

NM_000079

Protein Refseq

NP_000070

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MIM	100690
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UniProt ID	P02708
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