

Proteoliposomes

Full-Length

CHRM3 (Human) Recombinant Protein

Catalog # H00001131-G01

Size 10 ug

Specification

Product Description	Human CHRM3 full-length ORF (NP_000731.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MTLHNNSTTSPLFPNIISSSWIHSPSDAGLPPGTVTHFGSYNVSRAGNFSSPDGTTDDPLGGHTV WQVVFIAFLTGILALVTIGNILVVSFKVKNQLKTVNNYFLLSLACADLIIGVISMNLFTTYIIMNRWALG NLACDLWLADYVASNASVMNLLVISFDYFSITRPLTYRAKRTTKRAGVMIGLAWVISFVLWAPAIL FWQYFVGKRTVPPGECFIQFLSEPTITFGTAIAAFYMPVTIMTILYWRKYETEKRTKELAGLQASGTE AETENFVHPTGSSRSCSSYELQQQSMKRSNRRKYGRCHFWFTTKSWKPSSEQMDQDHSSSDS WNNNDAAASLENSASSDEEDIGSETRAIYSVLKLPGHSTILNSTKLPSSDNLQVPEEELGMVDLE RKADKLQAQKSVDDGGSFPKSFSKLPQLESADVDTAKTSDVNSSVGKSTATLPLSFKEATLAKRF ALKTRSQITKRKRMSLVKEKAAQTL SAILLAFIITWTPYNIMVLVNTFCDSICPKTFWNLGWLCYIN STVNPVCYALCNKTFRTTFKMLLLCQCDKKKRRKQQYQQRQSVIFHKRAPEQAL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	66.09999999999989
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CHRM3

Entrez GeneID [1131](#)

GeneBank Accession# [NM_000740.2](#)

Protein Accession# [NP_000731.1](#)

Gene Name CHRM3

Gene Alias HM3

Gene Description cholinergic receptor, muscarinic 3

Omim ID [118494](#)

Gene Ontology [Hyperlink](#)

Gene Summary The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degradation, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 3 controls smooth muscle contraction and its stimulation causes secretion of glandular tissue. [provided by RefSeq]

Other Designations m3 muscarinic receptor|muscarinic acetylcholine receptor M3

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Asthma](#)

- [Bipolar Disorder](#)
- [Bronchial Hyperreactivity](#)
- [Celiac Disease](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)