

Recombinant Human CHRM3 Protein, GST-Tagged

Cat. No. CHRM3-1273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHRM3 partial ORF (NP_000731, 1 a.a. - 67 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 degeneration, 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. Alternative promoter use and alternative splicing results in multiple transcript variants that have different tissue specificities. [provided by RefSeq, Dec 2016]
Molecular Mass	33.11 kDa
AA Sequence	MTLHNNSTTSPLFPNISSSWIHSPSDAGLPPGTVTHFGSYNVSRAAGNFSSPDGTTD DPLGGHTVWQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

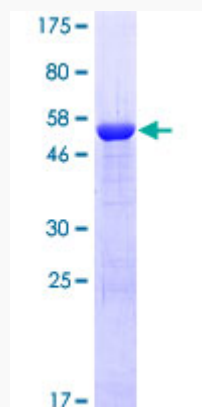
Gene Name	CHRM3 cholinergic receptor, muscarinic 3 [Homo sapiens]
Official Symbol	CHRM3
Synonyms	CHRM3; cholinergic receptor, muscarinic 3; muscarinic acetylcholine receptor M3; acetylcholine receptor; muscarinic 3; m3 muscarinic receptor; acetylcholine receptor, muscarinic 3; HM3; EGBRS;
Gene ID	1131
mRNA Refseq	NM_000740
Protein Refseq	NP_000731
MIM	118494
UniProt ID	P20309

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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