

Recombinant Human CHR3 Protein, GST-Tagged

Cat. No. CHR3-1273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHR3 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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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](#)

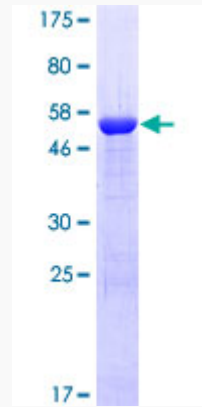
UniProt ID [P20309](#)

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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