

Recombinant Human CHRM2 Protein, GST-Tagged

Cat. No. CHRM2-1271H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHRM2 partial ORF (AAI06743.1, 251 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	<p>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 to these receptors 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 2 is involved in mediation of bradycardia and a decrease in cardiac contractility. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2008]</p>
Molecular Mass	36.74 kDa
AA Sequence	SDDGLEHNKIQNGKAPRDPVTENCVQGEEKESSNDSTSVSAVASNMRDDEITQDE NTVSTSLGHSKDENSEKQTCIRIGTKTPKSDSCTPTNTTVEVVGSS
Applications	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p>

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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

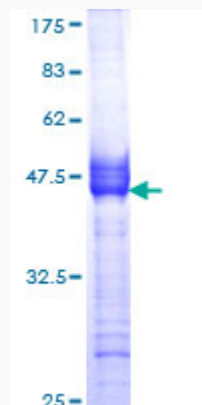
Gene Name	CHRM2 cholinergic receptor, muscarinic 2 [Homo sapiens]
Official Symbol	CHRM2
Synonyms	CHRM2; cholinergic receptor, muscarinic 2; muscarinic acetylcholine receptor M2; acetylcholine receptor; muscarinic 2; 7TM receptor; muscarinic M2 receptor; acetylcholine receptor, muscarinic 2; cholinergic receptor, muscarinic 2, isoform a; HM2; FLJ43243; MGC120006; MGC120007;
Gene ID	1129
mRNA Refseq	NM_000739
Protein Refseq	NP_000730
MIM	118493
UniProt ID	P08172

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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