Recombinant Human CHRM5 Protein, GST-Tagged

Cat. No. CHRM5-1276H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHRM5 partial ORF (NP_036257, 281 a.a. - 390 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 clinical implications of this receptor are unknown; however, stimulation of this receptor is known to increase cyclic AMP levels. [provided by RefSeq, Jul 2008]
Molecular Mass	37.84 kDa
AA Sequence	TGKPSQATGPSANWAKAEQLTTCSSYPSSEDEDKPATDPVLQVVYKSQGKESPGE EFSAEETEETFVKAETEKSDYDTPNYLLSPAAAHRPKSQKCVAYKFRLVVKADGN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

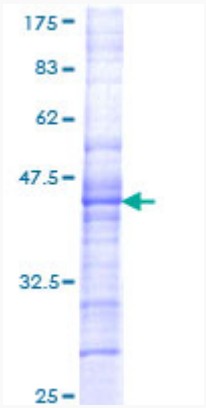
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CHRM5 cholinergic receptor, muscarinic 5 [Homo sapiens]
Official Symbol	CHRM5
Synonyms	CHRM5; cholinergic receptor, muscarinic 5; muscarinic acetylcholine receptor M5; acetylcholine receptor; muscarinic 5; acetylcholine receptor, muscarinic 5; HM5; MGC41838;
Gene ID	1133
mRNA Refseq	NM_012125
Protein Refseq	NP_036257
MIM	118496
UniProt ID	P08912

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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