Recombinant Human CHRM4 Protein, His-tagged, OVA Conjugated

Cat. No. CHRM4-2786H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OVA Conjugated Recombinant Human CHRM4 Protein (Pro258-Glu273) fused with a N-His tag.
Species	Human
Source	Protein Conjugation
ProteinLength	Pro258-Glu273
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, mouse studies link its function to adenylyl cyclase inhibition.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16 kDa
Purity	> 90%
Applications	Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
Conjugation	OVA

GENE INFORMATION

Gene Name	CHRM4 cholinergic receptor, muscarinic 4 [Homo sapiens]
Official Symbol	CHRM4
Synonyms	CHRM4; cholinergic receptor, muscarinic 4; muscarinic acetylcholine receptor M4; acetylcholine receptor; muscarinic 4; acetylcholine receptor, muscarinic 4; HM4; M4R;
Gene ID	1132
mRNA Refseq	NM_000741
Protein Refseq	NP_000732
MIM	118495

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UniProt ID	P08173

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