

Recombinant Full Length Human MCHR1 Protein, GST-tagged

Cat. No. MCHR1-5508HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPR24 full-length ORF (AAH01736, 1 a.a. - 422 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	422 amino acids
Description	The protein encoded by this gene, a member of the G protein-coupled receptor family 1, is an integral plasma membrane protein which binds melanin-concentrating hormone. The encoded protein can inhibit cAMP accumulation and stimulate intracellular calcium flux, and is probably involved in the neuronal regulation of food consumption. Although structurally similar to somatostatin receptors, this protein does not seem to bind somatostatin. [provided by RefSeq]
Molecular Mass	71.94 kDa
AA Sequence	MSVGAMKKGVGRAVGLGGSGCQATEEDPLPDCGACAPGQGRRWRLPQPAWV EGSSARLWEQATGTGWMDLEASLLPTGPNASNTSDGPDNLTSAGSPPTGSGISYIN IIMPSVFGTICLLGIIGNSTVIFAVVKKSKLHWCNNVPDIFIINLSVVDLLFLLGMPFMIH QLMGNGVWHFGETMCTLITAMDANSQLTSTYILTAMAIDRYLATVHPISSTKFRKPSV ATLVICLLWALSFISITPVWLYARLIPFPGGAVGCGIRLPNPDTDLYWFTLYQFFLAFA LPFVVITAAYVRILQRMTSSVAPASQRSIRLRTRTAIAICLVFFVCWAPYYVLQL TQLSISRPTLTLYLYNAAISLGYANSCNPFVYIVLCETFRKRLVLSVKPAAQGQLRA

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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	MCHR1 melanin-concentrating hormone receptor 1 [Homo sapiens]
Official Symbol	MCHR1
Synonyms	MCHR1; melanin-concentrating hormone receptor 1; G protein coupled receptor 24, GPR24; MCH1R; SLC1; SLC-1; MCH-1R; MCH receptor 1; G protein-coupled receptor 24; somatostatin receptor-like protein; GPR24; MGC32129;
Gene ID	2847
mRNA Refseq	NM_005297
Protein Refseq	NP_005288
MIM	601751

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UniProt ID

Q99705

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