

Recombinant Rat RHRH1 Protein, His/FLAG-tagged

Cat. No. HRH1-787R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Histamine H1-Receptor and Regulator of G-protein Signaling 4 was co-expressed in Sf9 insect cells.
Species	Rat
Source	Insect Cells
Description	The histamine H1-receptor is expressed in numerous cell types and couples to Gq-proteins to activate phospholipase C. In Sf9 insect cells, rH1R couples to the endogenous insect cell Gq-protein. Co-expression with RGS proteins facilitates detection of high-affinity GTPase activity. rH1R reconstituted with RGS4 was prepared from Sf9 cells coinfecting with rH1R- and RGS4-encoding baculoviruses. rH1R contains a N-terminal FLAG-tag and a C-terminal hexahistidine (His6)-tag for immunological detection, to allow purification and to provide additional protection against proteolysis.
Form	75 mM Tris-HCl pH 7.4, 12.5 mM MgCl ₂ and 1 mM EDTA
Molecular Mass	30 + 25 kDa
Storage	Store at -80 centigrade, avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	Hrh1 histamine receptor H 1 [Rattus norvegicus]
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Official Symbol	HRH1
Synonyms	Hsr; HRH1
Gene ID	24448
mRNA Refseq	NM_017018.1
Protein Refseq	NP_058714
UniProt ID	P31390
	