

Recombinant Human HRH3 Protein, GST-tagged

Cat. No. HRH3-5037H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HRH3 partial ORF (NP_009163, 257 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by histamine receptors H1, H2, H3 and H4. This gene encodes one of the histamine receptors (H3) which belongs to the family 1 of G protein-coupled receptors. It is an integral membrane protein and can regulate neurotransmitter release. This receptor can also increase voltage-dependent calcium current in smooth muscles and innervates the blood vessels and the heart in cardiovascular system. [provided by RefSeq]
Molecular Mass	37.07 kDa
AA Sequence	GCWGCWQKGHGGEAMPLHRYGVGEAAVGAEAGEATLGGGGGGGSVASPTSSSGS SSRGTERPRSLKRGSKPSASSASLEKRMKMVSQSFTQRFRLSRDRKVAKS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 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	HRH3 histamine receptor H3 [Homo sapiens]
Official Symbol	HRH3
Synonyms	HRH3; histamine receptor H3; histamine H3 receptor; GPCR97; H3R; G protein-coupled receptor 97; G-protein coupled receptor 97; HH3R;
Gene ID	11255
mRNA Refseq	NM_007232
Protein Refseq	NP_009163
MIM	604525
UniProt ID	Q9Y5N1

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