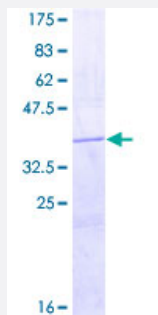


HRH4 (Human) Recombinant Protein (Q01)

Catalog # H00059340-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HRH4 partial ORF (NP_067637, 194 a.a. - 304 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NMNIYWSLWKRDLHSRCQSHPLTAVSSNICGHSFRGRLSSRRSLASASTVPPASFHSEQRQRKS SLMFSSRTKMNSNTIASKMGSFSQSDSVALHQREHVELLRARRLAKS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.95
Interspecies Antigen Sequence	Mouse (54); Rat (57)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HRH4

Entrez GeneID [59340](#)

GeneBank Accession# [NM_021624](#)

Protein Accession# [NP_067637](#)

Gene Name HRH4

Gene Alias AXOR35, BG26, GPCR105, GPRv53, H4, H4R, HH4R, MGC133027

Gene Description histamine receptor H4

Omim ID [606792](#)

Gene Ontology [Hyperlink](#)

Gene Summary Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by a family of histamine receptors, which are a subset of the G-protein coupled receptor superfamily. This gene encodes a histamine receptor that is predominantly expressed in haematopoietic cells. The protein is thought to play a role in inflammation and allergy responses. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations histamine H4 receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cognition](#)
- [Dermatitis](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)