cH₄ R + Gᵢα₂ + Gᵦ₁γ₂ + GAIP

Histamine H₄-receptor + Gᵢα₂ + Gᵦ₁γ₂ + RGS-protein GAIP
canine, recombinant, Sf9 insect cells

**Description:**
The histamine H₄-receptor is expressed in eosinophils and couples to Gᵢ-pherons to mediate pro-inflammatory effects. The H₄-receptor plays a role in the pathogenesis of bronchial asthma and itching. cH₄R reconstituted with Gᵢ-proteins and the RGS-Protein GAIP was prepared from Sf9 cells coinfected with rH₄R- and Gᵢ- and GAIP-encoding baculoviruses. cH₄R 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.

**Selected References:**


**Cat. No.** | **Amount**
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PR-1319 | 1 ml

**Form:** Membrane suspension (Supplied in 75 mM Tris-HCl pH 7.4, 12.5 mM MgCl₂ and 1 mM EDTA)

**For in vitro use only!**

**Shipping:** shipped on dry ice

**Storage Conditions:** store at -80 °C

**Additional Storage Conditions:** avoid freeze/thaw cycles

**Shelf Life:** 12 months

**Molecular Weight:** 49 + 40 + 36 kDa

**Accession number:** E2RA91