Datasheet for ABIN7491309
# HCRTR1 Protein (Fc Tag)

## Overview

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|---|---|
| Quantity: | 100 µg |
| Target: | HCRTR1 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This HCRTR1 protein is labelled with Fc Tag. |

## Product Details

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| Purpose: | Recombinant Human HCRTR1 Protein with C-terminal human Fc tag |
| Specificity: | HCRTR1 (Met1-Glu46) hFc (Glu99-Ala330) |
| Characteristics: | Extracellular Domain Protein |
| Purity: | The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining. |

## Target Details

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|---|---|
| Target: | HCRTR1 |
| Alternative Name: | HCRTR1 (HCRTR1 Products) |
| Background: | ORXR1, OX1R, OXR1 |
| | Description: The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein selectively binds the hypothalamic neuropeptide orexin A. A related gene (HCRTR2) encodes a G-protein coupled receptor that |

## Target Details

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|---|---|
|  | binds orexin A and orexin B. [provided by RefSeq, Jan 2009] |
| Molecular Weight: | predicted molecular mass of 31.5 kDa after removal of the signal peptide. The apparent molecular mass of HCRTR1-hFc is 35-55 kDa due to glycosylation. |
| UniProt: | O43613 |
| Pathways: | Feeding Behaviour |

## Application Details

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|---|---|
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Lyophilized |
| Buffer: | sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Expiry Date: | 12 months |