

## **PRODUCT INFORMATION**

C-Flag&Strep Tag Tag

**ACTHR Target Synonyms ACTHR** 

Human ACTHR-Strep full length protein-synthetic **Description** 

nanodisc **Delivery** 6~8weeks **Uniprot ID** Q01718 **Expression Host HEK293** 

**Protein Families** GPCR, Transmembrane, Druggable Genome,

**Protein Pathways** GPCRDB Class A Rhodopsin-like, Peptide GPCRs,

The human full length ACTHR-Strep protein has a **Molecular Weight** 

MW of 33.9 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

MC2R encodes one member of the five-member G-protein associated melanocortin receptor family. Melanocortins (melanocyte-stimulating hormones and adrenocorticotropic hormone) are peptides derived from pro-opiomelanocortin (POMC). MC2R is selectively activated by

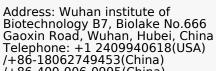
**Background** adrenocorticotropic hormone, whereas the other four melanocortin receptors recognize a variety of

melanocortin ligands. Mutations in MC2R can result in familial glucocorticoid deficiency. Alternate transcript variants have been found for this gene. [provided by RefSeq, May 2014]

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**Usage** Research use only

Conjugate Unconjugated



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