

PRODUCT INFORMATION

C-Flag&Strep Tag Tag

Target P2Y14

Synonyms BPR105, GPR105, P2Y14

Human P2Y14-Strep full length protein-synthetic **Description**

nanodisc **Delivery** 6~8weeks **Uniprot ID** Q15391

Expression Host HEK293

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

Protein Pathways GPCRDB Class A Rhodopsin-like,

The human full length P2Y14-Strep protein has a **Molecular Weight**

MW of 39 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 & lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions. Do not use solvents with pH lower than 6.5 in subsequent experiments.

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.

The product of this gene belongs to the family of G-protein coupled receptors, which contains

several receptor subtypes with different

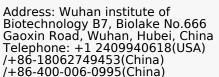
pharmacological selectivity for various adenosine and uridine nucleotides. This receptor is a P2Y purinergic receptor for UDP-glucose and other UDP-sugars coupled to G-proteins. It has been

implicated in extending the known immune system functions of P2Y receptors by participating in the regulation of the stem cell compartment, and it may also play a role in neuroimmune function. Two transcript variants encoding the same protein have been identified for this gene.

[provided by RefSeq, Jul 2008]

Usage Research use only

Background



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