

**HDFP429**

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## Product Information

<b>Product SKU:</b>	HDFP429	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	P2Y14	<b>Tag:</b>	C-Flag Tag		

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## Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	Q15391
<b>Molecular Weight:</b>	The human full length P2Y14 protein has a MW of 39kDa		

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## Protein Information

**Background:** 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]

**Synonyms:** BPR105, GPR105, P2Y14

**Protein Description:** Human P2Y14 full length protein-synthetic nanodisc

**Formulation:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

**Protein Pathways:** GPCRDB Class A Rhodopsin-like.

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

**Usage:** Research use only

**Storage & Shipping:** 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.

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