

HDFP772

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**Product Information**

<b>Product SKU:</b>	HDFP772	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	CD20	<b>Tag:</b>	C-Flag&Strep Tag		

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**Additional Information**

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	P11836
<b>Molecular Weight:</b>	The human full length CD20-Strep protein has a MW of 33.1 kDa		

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**Protein Information**

**Background:** A member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein.

**Synonyms:** B1; Bp35; CVID5; FMC7; LEU-16; MS4A1; S7

**Protein Description:** Human CD20-Strep 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:** Hematopoietic cell lineage.

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

**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.