

**HDFP805**

## Product Information

<b>Product SKU:</b>	HDFP805	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	CD39	<b>Tag:</b>	C-Flag&Strep Tag		

## Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	P49961
<b>Molecular Weight:</b>	The human full length CD39-Strep protein has a MW of 58 kDa		

## Protein Information

**Background:** The protein is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene.

**Synonyms:** ATPDase;ENTPD1;NTPDase-1;SPG64

**Protein Description:** Human CD39-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:** Purine metabolism, Pyrimidine metabolism.

**Protein Families:** 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.