

**HDFP1210**

## Product Information

<b>Product SKU:</b>	HDFP1210	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	TPRA1	<b>Tag:</b>	C-Flag&Strep Tag		

## Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	Q86W33
<b>Molecular Weight:</b>	The human full length TPRA1-Strep protein has a MW of 41.1 kDa		

## Protein Information

**Background:** Predicted to enable G protein-coupled receptor activity. Predicted to be involved in G protein-coupled receptor signaling pathway. Predicted to act upstream of or within embryonic cleavage and negative regulation of mitotic cell cycle phase transition. Predicted to be integral component of membrane. Predicted to be active in plasma membrane. [provided by Alliance of Genome Resources, Apr 2022]

**Synonyms:** GPR175, TMEM227, TPRA40

**Protein Description:** Human TPRA1-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:** -

**Protein Families:** 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.