

HDFP466

---

**Product Information**

<b>Product SKU:</b>	HDFP466	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	TA2R1	<b>Tag:</b>	C-Flag Tag		

---

**Additional Information**

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	Q9NYW7
<b>Molecular Weight:</b>	The human full length TA2R1 protein has a MW of 34.3kDa		

---

**Protein Information**

**Background:** This gene encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor superfamily and that are specifically expressed by taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a 7-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is mapped to chromosome 5p15, the location of a genetic locus (PROP) that controls the detection of the bitter compound 6-n-propyl-2-thiouracil. [provided by RefSeq, Jul 2008]

**Synonyms:** T2R1, TRB7

**Protein Description:** Human TA2R1 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.