

## HDFP156

## Product Information

<b>Product SKU:</b>	HDFP156	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	5HT1F	<b>Tag:</b>	C-Flag Tag		

## Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	P30939
<b>Molecular Weight:</b>	The human full length 5HT1F protein has a MW of 41.7kDa		

## Protein Information

<b>Background:</b>	G-protein coupled receptor for 5-hydroxytryptamine (serotonin). Also functions as a receptor for various alkaloids and psychoactive substances. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity.[UniProtKB/Swiss-Prot Function]
<b>Synonyms:</b>	5-HT-1F, 5-HT1F, 5HT6, HTR1EL, MR77
<b>Protein Description:</b>	Human 5HT1F full length protein-synthetic nanodisc
<b>Formulation:</b>	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.
<b>Protein Pathways:</b>	GPCRDB Class A Rhodopsin-like, GPCRDB Other, Monoamine GPCRs.
<b>Protein Families:</b>	GPCR, Transmembrane, Druggable Genome.
<b>Usage:</b>	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.