

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	5HT1F
Synonyms	5-HT-1F, 5-HT1F, 5HT6, HTR1EL, MR77
Description	Human 5HT1F-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	P30939
Expression Host	HEK293
Protein Families	GPCR,Transmembrane,Druggable Genome, GPCRDB Class A Rhodopsin-like, GPCRDB Other,Monoamine GPCRs,
Protein Pathways	
Molecular Weight	The human full length 5HT1F-Strep protein has a MW of 41.7 kDa
Formulation & Reconstitution	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 of reconstitution.
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.
Background	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 adenylyl cyclase. Signaling inhibits adenylyl cyclase activity.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

