

PRODUCT INFORMATION

Tag	N-His, C-Strep Tag
Expression Host	E.coli
Target	5HT1A
Description	Human 5HT1A cell-free full length protein-Nanodisc
Synonyms	5-HT-1A; 5-HT1A; 5HT1a; ADRB2RL1; ADRBRL1; G-21; PFMCD
Uniprot ID	P08908
Protein Families	Druggable Genome, GPCR, Transmembrane
Protein Pathways	Neuroactive ligand-receptor interaction
Molecular Weight	The human 5HT1A cell-free full length protein-Nanodisc has a MW of 50.3kDa
Delivery	1 week
Formulation & Reconstitution	Liquid, 50mM HEPES, 150mM NaCl, pH7.5
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Storage&Shipping	Store at -80°C, Ship on dry ice.
Purity	>90%
Background	A G protein-coupled receptor for 5-hydroxytryptamine (serotonin), and belongs to the 5-hydroxytryptamine receptor subfamily. Serotonin has been implicated in a number of physiologic processes and pathologic conditions. Inactivation of this gene in mice results in behavior consistent with an increased anxiety and stress response. Mutation in the promoter of this gene has been associated with menstrual cycle-dependent periodic fevers.
Usage	Research use only
Conjugate	Unconjugated





Figure 1. Human 5HT1A cell-free-Nanodisc,N-His, C-Strep Tag on SDS-PAGE.

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