

**PRODUCT INFORMATION**

<b>Tag</b>	N-His, C-Strep Tag
<b>Expression Host</b>	E.coli
<b>Target</b>	5HT1A
<b>Description</b>	Human 5HT1A cell-free full length protein-Nanodisc
<b>Synonyms</b>	5-HT-1A; 5-HT1A; 5HT1a; ADRB2RL1; ADRBRL1; G-21; PFMCD
<b>Uniprot ID</b>	P08908
<b>Protein Families</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways</b>	Neuroactive ligand-receptor interaction
<b>Molecular Weight</b>	The human 5HT1A cell-free full length protein-Nanodisc has a MW of 50.3kDa
<b>Delivery</b>	1 week
<b>Formulation &amp; Reconstitution</b>	Liquid, 50mM HEPES, 150mM NaCl, pH7.5
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 $\mu$ m) prior to use.
<b>Storage&amp;Shipping</b>	Store at -80°C, Ship on dry ice.
<b>Purity</b>	>90%
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated





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

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