

Nanodisc Human BRIL-TAAR1-Strep Protein

HDFP1473

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	HDFP1473
Contents:	10µg Bradford Reagent: 1 vial (2ml)
Category:	Full Length Transmembrane Proteins
Synonyms:	TA1, TAR1, TRAR1
Tag:	C-Flag&Strep Tag
Target:	TAAR1
Conjugation:	Unconjugated
Expression Host:	HEK293

Protein Data

Uniprot ID:	Q96RJ0
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
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. 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.
Molecular Weight:	The human full length BRIL-TAAR1-Strep protein has a MW of 50.0 kDa

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.

Store Bradford Reagent at Room Temperature for 1 year.

Usage:

Research use only

Protein Quantification (Optional):

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol