

## HUMAN UTS2R FULL LENGTH PROTEIN

**Cat.#:** 11117

**Product Name:** Human UTS2R Full Length Protein

**Size:** 10 µg; 50 µg and 100 µg

**Synonyms:** GPR14; UR-2-R; UTR; UTR2

**Target:** UTS2R

**UNIPROT ID:** Q9UKP6

**Description:** Human UTS2R Full Length Protein-Synthetic Nanodisc

**Background:** High affinity receptor for urotensin-2 and urotensin-2B. The activity of this receptor is mediated by a G-protein that activate a phosphatidylinositol-calcium second messenger system.

**Species/Host:** HEK293

**Molecular Weight:** The human full length UTS2R protein has a MW of 42.1 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.

**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.

**Protein Families:** Druggable Genome, GPCR, Transmembrane

**Protein Pathways:** Neuroactive ligand-receptor interaction



Figure 2. Human UTS2R-Nanodisc, Flag Tag on SDS-PAGE