

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

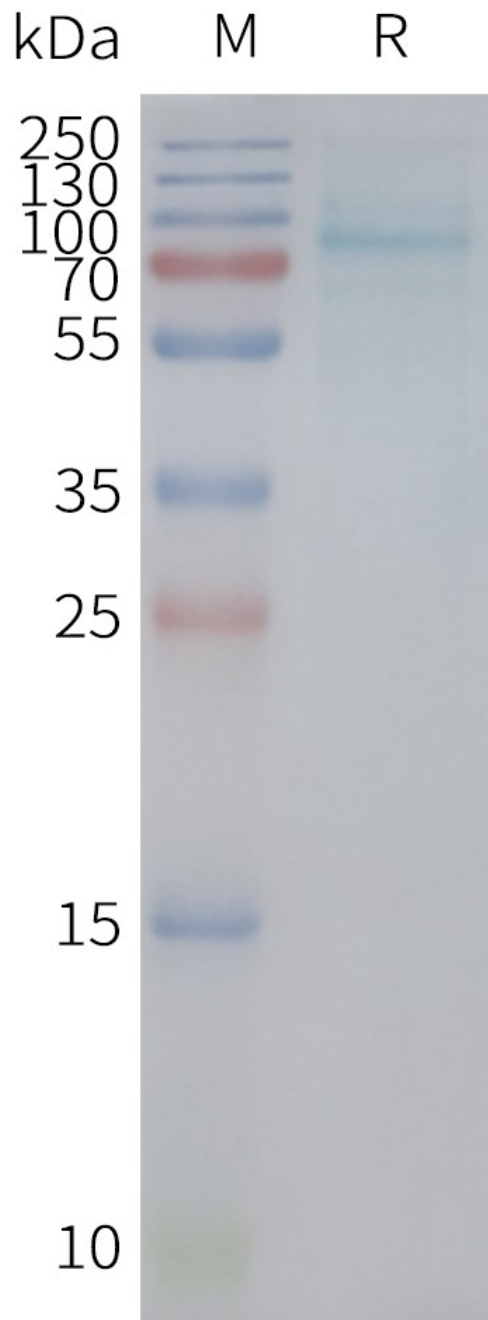


Figure 2. Human UTS2R-Nanodisc, Flag Tag on SDS-PAGE