

## HUMAN LGR6 FULL LENGTH PROTEIN

**Cat.#:** 11049

**Product Name:** Human LGR6 Full Length Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** GPCR; VTS20631

**Target:** LGR6

**UNIPROT ID:** Q9HBX8

**Description:** Human LGR6 full length protein-synthetic nanodisc

**Background:** The protein is a member of the leucine-rich repeat-containing subgroup of the G protein-coupled 7-transmembrane protein superfamily. The encoded protein is a glycoprotein hormone receptor with a large N-terminal extracellular domain that contains leucine-rich repeats important for the formation of a horseshoe-shaped interaction motif for ligand binding.

**Species/Host:** HEK293

**Molecular Weight:** The human full length LGR6 protein has a MW of 104.3 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.