

## HUMAN BDKRB2 FULL LENGTH PROTEIN

**Cat.#:** 11104

**Product Name:** Human BDKRB2 Full Length Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** B2R; BK-2; BK2; BKR2; BRB2

**Target:** BDKRB2

**UNIPROT ID:** P30411

**Description:** Human BDKRB2 full length protein-synthetic nanodisc

**Background:** This gene encodes a receptor for bradykinin. The 9 aa bradykinin peptide elicits many responses including vasodilation, edema, smooth muscle spasm and pain fiber stimulation. Bradykinin is released upon activation by pathophysiologic conditions such as trauma and inflammation, and binds to its kinin receptors, B1 and B2. The B2 receptor associates with G proteins that stimulate a phosphatidylinositol-calcium second messenger system. [provided by RefSeq, Apr 2020]

**Species/Host:** HEK293

**Molecular Weight:** The human full length BDKRB2 protein has a MW of 44.5 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.