

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.