

PRODUCT INFORMATION

iable \$hasAttributeValueDescription in Ct\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-woocommerce-print-products-public.php on line 2806 Tag

B2R; BK-2; BK2; BKR2; BRB2

Human BDKRB2 full length protein-synthetic nanodisc

Delivery

Uniprot ID P30411 HEK293 **Expression Host**

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways Calcium signaling pathway, Complement and coagulation cascades, Neuroactive ligand-receptor interaction, Regulation of actin cytoskeleton

Molecular Weight

The human full length BDKRB2 protein has a MW of 44.5 kDa 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. Please see Certificate of Analysis of the control of th Formulation & Reconstitution

Storage & Shipping

Store at -20°C to -80°C for I2 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. The protein is a receptor for bradykinin. The 9 ab radykinin petitide 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. Bland B2. The B2 receptor associates with G proteins that stimulate a phosphatidylinostib-calcium second messenger system.

Usage arch use only Conjugate Unconjugated

ELISA assay to evaluate BDKRB2-Nanodisc 0.2µg Human BDKRB2-Nanodisc per well

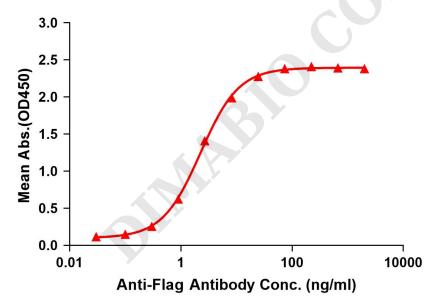
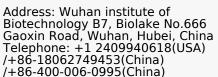


Figure 1. Elisa plates were pre-coated with Flag Tag BDKRB2-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with BDKRB2-Nanodisc is 2.261ng/ml.

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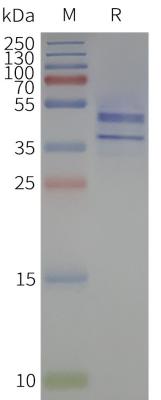


Figure 2. Human BDKRB2-Nanodisc, Flag Tag on SDS-PAGE



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