Cat. No. FLP100213



PRODUCT INFORMATION

C-Flag Tag Tag **Target** BKRB1

Synonyms B1BKR, B1R, BKB1R, BKR1, BRADYB1 Human BKRB1 full length protein-synthetic

Description nanodisc **Delivery** 6~8weeks **Uniprot ID** P46663 **Expression Host HEK293**

Storage & Shipping

Background

Protein Families GPCR, Transmembrane, Druggable Genome,

GPCRDB Class A Rhodopsin-like, Peptide **Protein Pathways** GPCRs, Regulation of Actin Cytoskeleton

KEGG, Cancer,

The human full length BKRB1 protein has a MW of **Molecular Weight**

40.5kDa

Lyophilized from nanodisc solubilization buffer (20) mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% Formulation & 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

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.

Bradykinin, a 9 aa peptide, is generated in

pathophysiologic conditions such as

inflammation, trauma, burns, shock, and allergy. The protein encoded by this gene belongs to the G-protein coupled receptor 1 family. Two types of G-protein coupled receptors have been found which bind bradykinin and mediate responses to these pathophysiologic conditions. The protein encoded by this gene is one of these receptors and is synthesized de novo following tissue injury.

Receptor binding leads to an increase in the cytosolic calcium ion concentration, ultimately resulting in chronic and acute inflammatory responses. [provided by RefSeq, Aug 2020]

Usage Research use only Conjugate Unconjugated

> Email: info@dimabio.com Website: www.dimabio.com

