

PRODUCT INFORMATION

C-Flag&Strep Tag Tag

Target BKRB1

Synonyms B1BKR, B1R, BKB1R, BKR1, BRADYB1

Human BKRB1-Strep full length protein-synthetic **Description**

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

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-Strep protein has a **Molecular Weight**

MW of 40.5 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

Formulation & Reconstitution for specific instructions. Do not use solvents with

a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

Unconjugated

Bradykinin, a 9 aa peptide, is generated in

pathophysiologic conditions such as

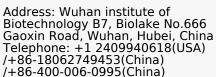
inflammation, trauma, burns, shock, and allergy. The protein encoded by this gene belongs to the G-protein coupled receptor 1 family. Two types of G-protein coupled receptors have been found which bind bradykinin and mediate responses to these pathophysiologic conditions. The protein encoded by this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

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Background

Conjugate

