

Proteoliposomes

Full-Length

BDKRB1 (Human) Recombinant Protein

Catalog # H00000623-G01

Size 2 ug

Specification

Product Description

Human BDKRB1 full-length ORF (NP_000701.2) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MASSWPPELEQSSNQSQLFPQNATACDNAPEAWDLLHRVLPTFIISICFFGLLGNLFVLLVFLPR
RQLNVAEIMLANLAASDLVFVLGLPFWAENWNQFNWPFGALLCRVINGVIKANLFISIFLVVAISQD
RYRVLVHPMASRRQQRRRQARVTCVLMVVGGLLSIPTFLLRSIQAVPDLNITACILLPHEAWHFA
RVELNILGFLLPLAAMFFNYHILASLRTREEVSRTRCGGRKDSKTTALILTVVAFLVCWAPYHFFA
FLEFLFQVQAVRGCFWEDFIDLGLQLANFFAFTNSSLNPVIYFVGRFLFRTKVVWELYKQCTPKSLA
PISSSHRKEIFQLFWRN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

40.5

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — BDKRB1

Entrez GeneID [623](#)

GeneBank Accession# [NM_000710.2](#)

Protein Accession# [NP_000701.2](#)

Gene Name BDKRB1

Gene Alias B1BKR, B1R, BKB1R, BKR1, BRADYB1

Gene Description bradykinin receptor B1

Omim ID [600337](#)

Gene Ontology [Hyperlink](#)

Gene Summary Bradykinin, a 9 aa peptide, is generated in pathophysiologic conditions such as inflammation, trauma, burns, shock, and allergy. 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]

Other Designations BK-1 receptor|bradykinin B1 receptor|bradykinin receptor 1

Pathway

- [Calcium signaling pathway](#)
- [Complement and coagulation cascades](#)
- [Neuroactive ligand-receptor interaction](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Albuminuria](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)

- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Mental Disorders](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)