

Recombinant Full Length Human BDKRB1 Protein, GST-tagged

Cat. No. BDKRB1-1684HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BDKRB1 full-length ORF (NP_000701.2, 1 a.a. - 353 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	353 amino acids
Description	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]
Molecular Mass	66.9 kDa
AA Sequence	MASSWPPELE QSSNQSQLFP QNATACDNAP EAWDLLHRVL PTFIISICFF GLLGNLFLVLL VFLLPRRQLN VAEIYLANLA ASDLVFVLGL PFWAENIWNQ FNWPFGALLC RVINGVIKAN LFISIFLVVA ISQDRYRVLV HPMASRRQQR RRQARVTCVL IWVVGGLLSI PTFLLRSIQA VPDLNITACI LLLPHEAWHF ARIVELNILG FLLPLAAIVF FNYHILASLR TREEVSRTRC GGRKDSKTTA

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LILTLVVAFL VCWAPYHFFA FLEFLFQVQA VRGCFWEDFI DLGLQLANFF
AFTNSSLNPV IYVFVGRLFR TKVWELYKQC TPKSLAPISS SHRKEIFQLF WRN

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [BDKRB1 bradykinin receptor B1 \[Homo sapiens \]](#)

Official Symbol [BDKRB1](#)

Synonyms BDKRB1; bradykinin receptor B1; B1 bradykinin receptor; B1BKR; BKR1; bradyb1; BK-1 receptor; bradykinin receptor 1; bradykinin B1 receptor; B1R; BKB1R; BRADYB1

Gene ID [623](#)

mRNA Refseq [NM_000710](#)

Protein Refseq [NP_000701](#)

MIM [600337](#)

UniProt ID [P46663](#)

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