

# Recombinant Full Length Human BDKRB1 Protein, GST-tagged

**Cat. No.** BDKRB1-1563HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human BDKRB1 full-length ORF (NP_000701.2) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	353 amino acids
<b>Description</b>	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]
<b>Form</b>	25 mM Tris-HCl of pH 8.0 containing 2% glycerol.
<b>Molecular Mass</b>	40.5 kDa
<b>AA Sequence</b>	MASSWPPELEL QSSNQSQLFP QNATACDNAP EAWDLLHRVL PTFIISICFF GLLGNLFLVLL VFLLPRRQLN VAEIYLANLA ASDLVFVLGL PFWAENIWNQ FNWPFGALLC RVIINGVIKAN LFISIFLVVA ISQDRYRVLV HPMASRRQQR RRQARVTCVL IWVVGLLSI PTFLLSIQA VPDLNITACI LLLPHEAWHF

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ARIVELNILG FLLPLAAIVF FNYHILASLR TREEVSRTRC GGRKDSKTTA  
 LILTLVVAFL VCWAPYHFFA FLEFLFQVQA VRGCFWEDFI DLGLQLANFF  
 AFTNSSLNPV IYVFGRLFR TKVWELYKQC TPKSLAPISS SHRKEIFQLF WRN

**Storage** Store at -80 centigrade.

**Storage Buffer** 25 mM Tris-HCl of pH 8.0 containing 2% glycerol.

## 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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