

## Recombinant Human BDKRB1 Protein, GST-tagged

Cat. No. BDKRB1-184H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human BDKRB1 full-length ORF ( NP_000701.2, 1 a.a. - 353 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<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>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	66.9 kDa
<b>AA Sequence</b>	<p>MASSWPPLELQSSNQSQLFPQNATACDNAPEAWDLLHRVLPFTFIISICFFGLLGNLF  VLLVFLPRRQLNVAEIYLANLAASDLVFLGLPFWAENIWNQFNWPFGALLCRVING  VIKANLFISIFLVVAISQDRYRVLVHPMASRRQRRRQARVTCVLIWVVGGLLSIPTFL  LRSIQAVPDLNITACILLIPHEAWHFARIVELNILGFLLPLAAIVFFNYHILASLRTRREEV  SRTRCGGRKDSKTTALILTLVVAFLVCWAPYHFFAFLEFLFQVQAVRGCFWEDFIDL  GLQLANFFAFTNSSLNPVIYVFGRLFRTKVWELYKQCTPKSLAPISSSHRRKEIFQLF</p>

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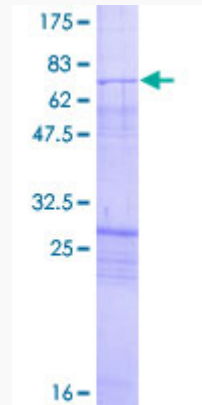
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	WRN
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	BDKRB1 bradykinin receptor B1 [ Homo sapiens ]
<b>Official Symbol</b>	BDKRB1
<b>Synonyms</b>	BDKRB1; bradykinin receptor B1; B1 bradykinin receptor; B1BKR; BKR1; bradyb1; BK-1 receptor; bradykinin receptor 1; bradykinin B1 receptor; B1R; BKB1R; BRADYB1;
<b>Gene ID</b>	623
<b>mRNA Refseq</b>	NM_000710
<b>Protein Refseq</b>	NP_000701
<b>MIM</b>	600337
<b>UniProt ID</b>	P46663

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