

Recombinant Human BDKRB2 Protein, His&GST-tagged

Cat. No. BDKRB2-309H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BDKRB2 Protein (Met1-Gln391) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gln391
Description	This gene encodes a receptor for bradykinin. The 9 aa bradykinin peptide elicits many responses including vasodilation, edema, smooth muscle spasm and pain fiber stimulation. Bradykinin is released upon activation by pathophysiologic conditions such as trauma and inflammation, and binds to its kinin receptors, B1 and B2. The B2 receptor associates with G proteins that stimulate a phosphatidylinositol-calcium second messenger system.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 74.5 kDa Accurate Molecular Mass: 75 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	BDKRB2 bradykinin receptor B2 [Homo sapiens (human)]
Official Symbol	BDKRB2
Synonyms	BDKRB2; bradykinin receptor B2; B2 bradykinin receptor; BK 2; BK-2 receptor; B2R; BK2; BK-2; BKR2; BRB2; DKFZp686O088
Gene ID	624
mRNA Refseq	NM_000623
Protein Refseq	NP_000614
MIM	113503
UniProt ID	P30411

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA