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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

BMP2K (Human) Recombinant Protein (P01)

Catalog Number: H00055589-P01

Regulation Status: For research use only (RUO)

Product Description: Human BMP2K full-length ORF (AAH36021.1, 1 a.a. - 662 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

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MKKFSRMPKSEGGSGGGAAGGGAGGAGAGAGCGS
GGSSVGVRFVAVGRHQVTLEESLAEGGFSTVFLVRTH
GGIRCALKRMYVNNMPDLNVCKREITIMKELSGHKNIV
GYLDCAVNSISDNVWEVLILMEYCRAGQVVNQMNKLL
QTGFTEPEVLQIFCDTCEAVARLHQCKTPIIHRDLKVEN
ILLNDGGNYVLCDFGSATNKFLNPQKDG VNVVEEIKK
YTTLSYRAPEMINLYGGKPITTKADIWALGCLLYKLCFF
TLPGESQVAICDGNFTIPDNSRYSRNIHCLIRFMLEPD
PEHRPDIQVSYFAFKFAKKDCPVSNINSSIPSALPEP
MAASEAAARKSQIKARITDTIGPTETSIAPRQRPKANSA
TTATPSVLTIQSSATPVKVLAPGEFSNHRPKGALRPGN
GPEILLGQPPQPPQPPQHRVLQQLQGGDWRLQQLHL
QHRHPHQQQQQQQQQQQQQQQQQQQRQQQQQQQQ
QH H H H H H H H L L Q D A Y M Q Q Y Q H A T Q Q Q M L Q Q Q F L M
H S V Y Q P Q P S A S Q Y P T M M P Q Y Q Q A F F Q Q M L A Q H Q P
S Q Q Q A S P E Y L T S P Q E F S P A L V S Y T S S L P A Q V G T I M D S
S Y S A N R S V A D K E A I A N F T N Q K N I S N P P D M S G W N P F G E
D N F S K L T E E E L L D R E F D L L R S S K G H L K A Y F A S Q
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 100.3

Interspecies Antigen Sequence: Mouse (86)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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

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

Entrez GeneID: 55589

Gene Symbol: BMP2K

Gene Alias: BIKE, DKFZp434K0614, DKFZp434P0116, HRIHFB2017

Gene Summary: This gene is the human homolog of mouse BMP-2-inducible kinase. Bone morphogenic proteins (BMPs) play a key role in skeletal development and patterning. Expression of the mouse gene is increased during BMP-2 induced differentiation and the gene product is a putative serine/threonine protein kinase containing a nuclear localization signal. Therefore, the protein encoded by this human homolog is thought to be a protein kinase with a putative regulatory role in attenuating the program of osteoblast differentiation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]