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Datasheet for ABIN7552739

BMP2K Protein (AA 1-1161) (His tag)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | BMP2K |
| Protein Characteristics: | AA 1-1161 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This BMP2K protein is labelled with His tag. |

Product Details

| | |
|-----------|--|
| Purpose: | Custom-made recombinant BMP2K Protein expressed in mammalian cells. |
| Sequence: | MKKFSRMPKS EGGSGGGAAG GGAGGAGAGA GCGSGGSSVG VRVFAVGRHQ VTLEESLAEG GFSTVFLVRT HGGIRCALKR MYVNNMPDLN VCKREITIMK ELSGHKNIVG YLDCAVNSIS DNVWEVLILM EYCRAGQVWN QMNKKLQTGF TEPEVLQIFC DTCEAVARLH QCKTPIIHRD LKVENILLND GGNVLCDFG SATNKFLNPQ KDGVNVEEEE IKKYTTLSYR APEMINLYGG KPITTKADIW ALGCLLYKLC FFTLPFGESQ VAICDGNFTI PDNSRYSRNI HCLIRFMLEP DPEHRPDIFQ VSYFAFKFAK KDCPVSNNIN SSIPSALPEP MTASEAAARK SQIKARITDT IGPTETSIAP RQRPKANSAT TATPSVLTIQ SSATPVKVLV PGEFGNHRPK GALRPGNGPE ILLGQGPPQQ PPQQHRVLQQ LQQGDWRLQQ LHLQHRHPHQ QQQQQQQQQQ QQQQQQQQQQ QQQQQQHHHH HHHHLLQDAY MQQYQHATQQ QQMLQQQLM HSYVQPQPSA SQYPTMMPQY QQAFFQQML AQHQPSQQQA SPEYLTSPQE FSPALVSYTS SLPAQVGTIM DSSYSANRSV ADKEAIANFT NQKNISNPPD MSGWNPFGED NFSKLTEEEL LDREFDLLRS NRLEERASSD KNVDSLSAPH NHPPEDPFGS VPFISHSGSP EKKAHSSIN QENGTANPIK NGKTSPASKD |

Product Details

QRTGKKTSVQ GQVQKGNDES ESDFESDPPS PKSSEEEEQD DEEVLQGEQG DFNDDDTEPE
NLGHRPLLMD SEDEEEEEKH SSDSDYEQAK AKYSDMSSVY RDRSGSGPTQ DLNTILLTSA
QLSSDVAVET PKQEFDFVGA VPFFAVRAQQ PQQEKNEKNL PQHRFPAAGL EQEEFDVFTK
APFSKKVNVQ ECHAVGPEAH TIPGYPKSVD VFGSTPFQPF LTSTSKSESN EDLFGGLVPFD
EITGSQQQKV KQRSLQKLSS RQRRTKQDMS KSNGKRHHGT PTSTKKTLP TYRTPERARR
HKKVGRRDSQ SSNEFLTISD SKENISVALT DGKDRGNVLQ PEESLLDPFG AKPFHSPDLS
WHPPHQGLSD IRADHNTVLP GRPRQNSLHG SFHSADVLKM DDFGAVPFTE LVVQSITPHQ
SQQSQPVELD PFGAAPPFSK Q **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: BMP2K

Alternative Name: BMP2K ([BMP2K Products](#))

Background: BMP-2-inducible protein kinase (BKe) (EC 2.7.11.1),FUNCTION: May be involved in osteoblast

Target Details

differentiation. {ECO:0000250|UniProtKB:Q91Z96}.

Molecular Weight: 129.2 kDa

UniProt: [Q9NSY1](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months