

Datasheet for ABIN7564829

## BMP2K Protein (AA 1-1138) (His tag)



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### Overview

Quantity:	1 mg
Target:	BMP2K
Protein Characteristics:	AA 1-1138
Origin:	Mouse
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:	<p>MKKFSRMPKS EGSGGGAAAG GAAGGGLGGG FASSSMGVRV FAVGRYQVTL EESLAEGGFS</p> <p>TVFLVRTHSG IRCALKRMYV NNTPDLNICK REITIMKELS GHKNIVGYLD CAVNSISDNV</p> <p>WEVLILMEYC RAGQVVNQMN KKLQTGFTE EVLQIFCDTC EAVARLHQCK TPIIHRDLKV</p> <p>ENILLNDAGN YVLCDFGSAT NKFLNPQKDG VNVVEEEIKK YTTLSYRAPE MINLYGGKPI</p> <p>TTKADIWALG CLLYKLCFFT LPFGESQVAI CDGSFTIPDN SRYSHNVHCL IRFMLEPDPE</p> <p>CRPDIFQVSY FAFKFAKKDC PVSNNNSFL PSTLPEPMTA TEAAARKSQM KARITDTIGP</p> <p>TETSIAPRQR PKANSTAATS SVLTIQSSAT PVKVPAPGEF SNHKPKGALR PGNGSEVLMV</p> <p>QGPPQPPPPQ HRVLQQLQQG DWRLQQLHLH RHPHHHHQQQ QQQQQQQQQQ QLQQQQQQQQ</p> <p>QLLQNAYLQQ YQHAMIHQHI LQQQLMHSV YQPQPASQY PAMMQYQQA FLQQQMLARH</p> <p>QQAQVQSPE YLTSPQEFSP ALVSYASSLP AQVGTIVDSS YGANRSVAEK EAVANFTNQK</p> <p>TISHPPDMSG WNPFGEDNFS KLTEEELLDR EFDLLRSNRL GASTPSDKTV DLPPAPHSRP</p> <p>PEEPFASVPF ISHSGSPEKK TTEHSPNQKS ITANLTKNGG SSPLCKDQRA GKKTSENPMVI</p>

RGQVQKGHDD SESDFESDPP SPKSSEEEQE DEDAQGEHGD FNDDDEPEN LGHRPLLMS  
EDEEEDDKHS SDSECEQAKT KRGDTSSLRR DKPGVAPDTA LLTPARSPAD ALTPSQEFDV  
FGAVPFFAAP APQSLQHRGD GKNLSQHAFQ EQEDFDVFTK APFNKKVSVQ DWPAVGPDAR  
PLPARPRSVD IFGSTPFQPF SVSASKSESK EDVFLVPFE EITGSQQQK VKQRSQKLS  
SRQRRTKQDV SKSNGKRHHG TPTSAAKTLK PPYRTPERAR RHKKVGRRDS QSSNEFLTIS  
DSKENISVAL TDGKDRASVL PSDESLDPF GAKPFHPPDL WHQPHQGLSD ICVDHTTILP  
GRPRQNSVHG SFHSAETLRM DDFGAVPFTE LVVQSVTPQQ SQPVELDPFG AAPFPSKQ

**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 (BIKe) (EC 2.7.11.1),FUNCTION: May be involved in osteoblast

## Target Details

	differentiation. {ECO:0000269 PubMed:11500515}.
Molecular Weight:	126.2 kDa
UniProt:	<a href="#">Q91Z96</a>

## 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