

## Product datasheet for TP520431

### Bmp2k (NM\_080708) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse BMP2 inducible kinase (Bmp2k), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression:** HEK293T

**Host:**

**Expression:** >MR220431 representing NM\_080708

**cDNA Clone or AA Sequence:** Red=Cloning site Green=Tags(s)

MKKFSRMPKSESGGGAAAGGAAGGGLGGGFASSSMGVRVFAVGRYQVTLEESLAEGGFSTVFLVRTHSG  
IRCALKRMYVNNTPDLNICKREITIMKELSGHKNIVGYLDCAVNSISDNVWEVLILMEYCRAQVNVQNM  
KKLQTGFTESEVLQIFCDTCEAVARLHQCKTPIIHRDLKVENILLNDAGNYVLCDFGSATNKFLNPQKDG  
VNVVEEIKKYTTLSYRAPEMINLYGGKPITTKADIWALGCLLYKLCFFTLPGESQVAICDGSFTIPDN  
SRYSHNVHCLIRFMLEPDPECRPDIFQVSYFAFKFAKKDCPVSNNINSFLPSTLPEPMTATEAAARKSQM  
KARITDTIGPTETSIAPRQRPKANSTAATSSVLTIQSSATPVKVPAPGFEFSNHKPKGALRPGNGSEVLMV  
QGPPQPPQQRHVLQQLQQGDWRLQQLHLHRPHHHHQQQQQQQQQQQQQQLQQQQQQQQQLLNAYLQQ  
YQHAMHQHILQQFLMHSVYQPQPASQYPAMMQYQQAFLLQQLARHQQPAQQVSPEYLTSPQEFSP  
ALVSYASSLPAQVGTIVDSSYGANRSVAEKEAVANFTNKTISHPPDMSGWNPFGEDNFSKLTTEEELDR  
EFDLLRSNRLGASTPSDKTVDLPPAPHSRPEEPFASVPFISHSGSPEKKTTEHSPNQKSITANLTKNGG  
SSPLCKDQRAGKKTSENPIRGVQVQKGHDDSESDPFSPKSSEEEQEDEDAQGEHGFNDDDTEPEN  
LGHRPLLMDSEDEEEDDKHSSDSECEQAKTKRGDTSSLRRDKPGVAPDTALLTPARSPADALTPSQEFDV  
FGAVPFFAAPAPQSLQHRGDGKNLSQHAFPEQEDFDVFTKAPFNKKVSVQDWPVAVGPDARPLPARPRSD  
IFGSTPFQPFVSASKSESKEDVFLVPEEITGSQQQKVKQRSLQKLSSRQRRTKQDVSKSNGKRHHG  
TPTSAKKTLKPPYRTPERARRHKKVGRRDSQSSNEFLTISDSKENISVALTDGKDRASVLPSEDELLDPF  
GAKPFHPPDLWHQPHQGLSDICVDHTTILPGRPRQNSVHGSFHS AETLRMDDFGAVPFTELVVQSVTPQQ  
SQPVELDPFGAAPPFSKQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 126.6 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_542439</a>
<b>Locus ID:</b>	140780
<b>UniProt ID:</b>	<a href="#">Q91Z96</a>
<b>RefSeq Size:</b>	6585
<b>Cytogenetics:</b>	5 E3
<b>RefSeq ORF:</b>	3414
<b>Synonyms:</b>	4933417M22Rik; AA673486; AV128808; BIKE
<b>Summary:</b>	May be involved in osteoblast differentiation.[UniProtKB/Swiss-Prot Function]