

## Human CKMB recombinant protein

PX-P4053-10

### OVERVIEW

<b>SIZE</b>	10 ug
<b>ORIGIN SPECIES</b>	Human
<b>FRAGMENT</b>	
<b>PROTEIN DELIVERED WITH TAG</b>	Yes
<b>MOLECULAR WEIGHT WITH TAG IF ANY</b>	CKM: 44.29kDa; CKB: 43.69kDa
<b>DELIVERY CONDITION</b>	any condition

### PRODUCT INFORMATION

<b>EXPRESSION SYSTEM</b>	Prokaryotic expression
<b>HOST</b>	E.coli
<b>PURITY</b>	0,9000000000000000
<b>PROTEIN ACCESSION</b>	
<b>FORM</b>	Lyophilized
<b>BUFFER</b>	50 mM Tris-HCl pH 8, 150 mM NaCl 4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)
<b>STABILITY &amp; STORAGE</b>	

### PROTEIN SEQUENCE

CKM Sequence:

MPFGNTHNKFLNYKPEEYDLSKHNHMAKVLTLLEYKLRDKETPSGFTVDDVIQTGVDNPGHPFIMTVGCVAGDEESYEVFKELDFPIISDRHGKYKPTDKHKTDLNHE  
NLKGGDDLDPNYVLSRVRTGRSIRGTYLPPHCSRGERRAVEKLSVEALNSLTGEFKGKYPLKSMTEKEQQQLIDDFLFDKPVSPLLASGMARDWPDARGIWHNDNKSFL  
VWVNEEDHLRVISMEKGGNMKEVFRRCVGLQKIEIFKAGHPFMWNQHLGYVLTCPNSLGTGLRGGVHVLAHLKSHKPFEEILTRLRLQKRTGGVDTAAVGSVFDVSN  
ADRLGSSEVEQVQLVVDGVKLMVEMEKLEKQSIDDMIPAQKGSASWHPQFEK

CKB Sequence:

MGSHHHHHHSGPSNSHNALKLRFPAEDEFDLSAHNHNMAKVLTPELYAELRAKSTPSGFTLDDVIQTGVDNPGHPYIMTVGCVAGDEESYEVFKDLDFPIEDRHGGYKPSD  
EHKTDLNPDLQGGDDLDPNYVLSRVRTGRSIRGFCPLPHCSRGERRAIEKLAVEALSSLDGLAGRYVALKSMTEAEQQQLIDDFLFDKPVSPLLASGMARDWPDARGI  
WHNDNKTFLVWVNEEDHLRVISMQKGGNMKEVFRCTGLTQIETLFKSKDYEFMWNPHLGYILTCPSNLGTGLRAGVHIKLPNLGKHEKFEVLKRLRLQKRTGGVDTAA  
VGGVFDVSNADRLGFSEVELVQMVVDGVKLLIEMEQRLEQQAIDDLMPAQK

### More info

#### UNIPROT ID

CKM: P06732;

CKB:P12277

#### UNIPROT LINK

<http://www.uniprot.org/uni-prot/P06732>

<http://www.uniprot.org/uni-prot/P12277>

#### SYNONYMS

Creatine Kinase MB

Isoenzyme Type-II,

CKMBITII, CKMBI,

CKMB, CKM, CKB,

Human Creatine kinase M-type recombinant protein,

Human Creatine kinase B-type recombinant protein

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