

Datasheet for ABIN7563683

LMTK2 Protein (AA 1-1471) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	LMTK2
Protein Characteristics:	AA 1-1471
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LMTK2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Lmtk2 Protein expressed in mammalian cells.
Sequence:	MPGPPASPPP PMLLLLLLLT VGCARAAPLP QTGAGEVPV EVPSLFVILS VCSLLILIVL IANCVSCCKD PEIDFKEFED NFDDEIDFTP PAEDTPSIQS PAEVFTLSVP NISLPAPSQF QASVEGLKSQ VARHSLNYIQ EIGSGWFGKV LLGETYTGTS VARVIVKELK VSASPKEQDT FLKSGEPYYI LQHPNVLQCV GQCVEAIPYL LVFEFCDLGD LKAYLHNEQE HVRGDSQTML LQRMACEIAA GLAAMHKLHF LHSDLALRNC YLTSDLNVKV GDYIGIFSRY KEDIYETDDK KVFPLRWTPA ELVTSFQDRL LTADQTKYSN IWSLGVTLWE LFNNAAQPYA NLSLDLVLNQ VIRERDMKLP KPQLEQPYSD RWYEVLQFCW LPPDKRPAE DVHRLTTYLR MQSQRDSEVD FEQQWTALKP DTNSRDASSS AAFPILDHFA RDRLGREMEE VLTVTETSQG LSFYVWEAA KHDHFDEQGR GHPDEALSY SMFFPVEVFE NSLSDPGPGK QDDSGQEVVP RAPGVVPVFD AHNLVSGSDY YIQLEEKSSS NLGLDPPALL TTEVDKLER GAEPRTEED FFQSSAHPKE ASSTEDSRAT SIPGSPFNLF SLDLKADDLP SHQKIFDLME LNGVQADFKP AILSSSLDDP

KDTCQSDKEK PHKLLDQGGL CLSESLHQQD HFDPLSVQEL SENFLFLQEK NLLKGSLTTK
EQVSDLQTEL KNAGFTSALL ESPQRGSESS ELEFLENTLD FPLSQGDTRG QNEGAGVRRH
SGTSPQASPA LLTEEGSPTA PTDPIPKPEE TKSFRDVRVP EDSICLELGP DPVTVGVEIP
ATDAKTLDDG NRPPDVTCQS KEALSLTNRH PILVNDITAQ GSVESCLPES RQDLQNEPFS
EDPLSVSSLE KHSEAAETLN QLNSKAAPED AALASALSSD STSQDSLLED SLSTPIPTSE
QSVETPDSLD SVDVREALLE SLGSHTPRKL LPPDKPADSG YETENLESPE WTLHPAPEGT
ADSDAAAAGD SGHSSLPPNP VIVISDAGDG HRGAEGPPQS FTLGPQSSYR DSAYFSDNDS
EPDKKPEEVP GTSANALVLV KGQSPPEVSV PEESSDVREG CLEAPQDKPD QSRVSTLQNS
CHSELQETLQ PTPADASRES CPVNDEASSP LSLNSEPSS CDDLDLTQEDR PCTLASTGTN
TNELLAYMSS TLDKSLPSHL ESSKLKEPDI EGKYLKLCV SGMLDLSEDG MDADEEDENS
DDSDLDLRAF NLHSLSSESE DDTEHPVPII VSNDGGRHLR SLLKPSAAEA IEQLPEDWKK
EKKAVTFFDD VTVYLFQET PTKELGHCGG EAHGPGPSSP AASSSSPYLG RCMNSESSTD
EEGGGFEWDD DFSPDPFMSK TTSLGSKPS LQTSKYFSP PPARSAEQSW PHVSPCSRFS
ISPANIASFS LTHLTDSIE QGGSSDGDG D

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.

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, Western Blot
Grade:	custom-made

Target Details

Target:	LMTK2
Alternative Name:	Lmtk2 (LMTK2 Products)
Background:	Serine/threonine-protein kinase LMTK2 (EC 2.7.11.1) (Brain-enriched kinase) (Lemur tyrosine kinase 2),FUNCTION: Phosphorylates PPP1C, phosphorylase b and CFTR. {ECO:0000250}.
Molecular Weight:	160.5 kDa
UniProt:	Q3TYD6
Pathways:	RTK Signaling, Neurotrophin Signaling Pathway

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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