

Product datasheet for **TP305758M**

MARK3 (NM_002376) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human MAP/microtubule affinity-regulating kinase 3 (MARK3), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205758 protein sequence Red =Cloning site Green =Tags(s)

MSTRTP LPTVNERDTENHTSHGDGRQEVTSRTSRSGARCRNSIASCAD EQPHIGNYRLLKTIGKGNFAKV
KLARHILTGREVAIKIIDKTLNPTSLQKLFREVRIMKILNHPNIVKLFVIETEKTLYLIMEYASGGEV
FDYLVAHGRMKEKEARSKFRQIVSAVQYCHQKRIVHRDLKAENLLLDADMNIKIADFGFSNEFTVGGKLD
TFCGSPPYAAPELFQGGKYDGPVVDVWSLGVILYTLVSGSLPFDGQNLKELRERVLRGKYRIPFYMSTDC
ENLLKRFLVLNPIKRGTL EQIMKDRWINAGHEEDELKPFVEPEL DISDQKRIDIMVGMGYSQEEIQESLS
KMKYDEITATYLLLGRKSEL D ASDSSSSNLSLAKVRPSSDLN NSTGQSPHHKVQRSVSSSQKQRRYS
D HAGPAIPSVVAYPKRSQTSTADSDLKEDGISSRKS S GSAVGGKGIAPASPMLGNASNPNKADIPERKSS
TVPSSNTASGGMTRRNTYVCSERTTADRHSVIQNGKENSTIPDQRTPVASTHSISSAATPDRIRFPRGTA
SRSTFHGQPRERRTATYNGPPASPSLSHEATPLSQTRSRGSTNLF SKLTSKLTRSRNVSAEQKDENKEAK
PRSLRFTWSMKTSSMDPGDMMREIRKVL DANNC DYEQRERFLFCVHGDGHAENLVQWEMEVCKLPRLS
LNGVRFKRISGTSIAFKNIASKIANELK L

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

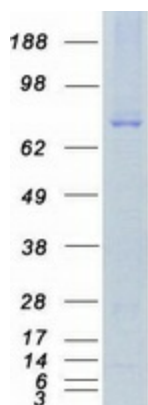
Tag:	C-Myc/DDK
Predicted MW:	81.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002367
Locus ID:	4140
UniProt ID:	P27448
RefSeq Size:	3474
Cytogenetics:	14q32.32-q32.33
RefSeq ORF:	2187
Synonyms:	CTAK1; KP78; Par-1a; PAR1A; VIPB
Summary:	The protein encoded by this gene is activated by phosphorylation and in turn is involved in the phosphorylation of tau proteins MAP2 and MAP4. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Protein Families:	Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified MARK3 protein (Cat# [TP305758]). The protein was produced from HEK293T cells transfected with MARK3 cDNA clone (Cat# [RC205758]) using MegaTran 2.0 (Cat# [TT210002]).