

Product datasheet for TP507233

Vrk3 (NM_133945) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse vaccinia related kinase 3 (Vrk3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207233 protein sequence Red=Cloning site Green=Tags(s)

MISFCPVCGKSVKVSFKFCPCYCGKALPVEEDGGTQSAVTPHVSSVPGSRRDLNSSFETSPKKVKCSHTVT
SLPLSRHSDCDSSGSDNTLTSPDRATGTRSRLTPKGSPLSNRQSPQTLKRTRVTTSLQALATGTELTDQ
NGKHWTLGALQIRDDQGILYEAETSAPVSESRTQKWRFSCLKDSKDGRLFNEQNFFQRVAKPLQVNVKWK
KQFLLPLLAIPTCIGFGIHQDKYRFLVFPVSLGRSLQSALDDNPKHVVSERCVLQVACRLLDALEYLHENE
YVHGNLTAENVFVNPEDLSQVTLVGYGFTYRYCPGGKHVAYKEGSRSPHDGDLEFISMDLHKGCGPSRRS
DLQTLGYCMLKWLYGSLPWTNCLPNTEKTRQKQKYLDSPERLVGLCGRWNKASETREYLVKVMALNVE
EKPPYATLRNSLEALLQDMRVSPYDPLDLQMPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	50.8 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
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_598706
Locus ID:	101568



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UniProt ID:	Q8K3G5 , Q3TAR6
RefSeq Size:	1790
Cytogenetics:	7 B3
RefSeq ORF:	1362
Synonyms:	AI428238
Summary:	Inactive kinase that suppresses ERK activity by promoting phosphatase activity of DUSP3 which specifically dephosphorylates and inactivates ERK in the nucleus.[UniProtKB/Swiss-Prot Function]