

## Product datasheet for TP507720

### Dok1 (NM\_010070) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse docking protein 1 (Dok1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207720 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNGAVMEGPLFLQSQRFQGTGRWRKTWAVLYPASPFGVARLEFFDHKGSSSRGGRGGSRRLDCKMIRLAEC  
VSVVPVTVESPPPEGAAAFRLDTAQRSHLLAADAVSSTAWVQTLCRTAFPKGGWALAQTENQPKFSALEM  
LENSLYSPTWEGSQFWVTSQKTEASERCGLQGSYILRVEAEKLLTLGAQSQILEPLLFWPYTLRRYG  
RDKVMFSFEAGRRCPSGPGTFTFQTSQGNDFQAVEAAIQQKAQGKVGQAQDILRTDSDHGETEGKTVP  
PPVPQDPLGSPALYAEPLDSLRIPPGPSQDSVSDPLGSTPAGAGEGVHKKPLYWDLYGHVQQQLLKT  
KLTDKEDPIYDEPEGLAPAPRGLYDLPQEPRDAWWCQARLKEEGYELPYNPATDDYAVPPPRSPKAP  
APKPQGLILPESGTTTRGSGSKGFSSTALYSQVQKSGTSGAWDCGLSKVGNDRAGVKSEGST

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	52.4 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:	<a href="#">NP_034200</a>
Locus ID:	13448



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UniProt ID: [P97465](#), [Q3UWF9](#)

RefSeq Size: 1821

Cytogenetics: 6 35.94 cM

RefSeq ORF: 1449

Synonyms: AW557123; p62DOK

**Summary:** DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same binding site on ITGB3 (By similarity).[UniProtKB/Swiss-Prot Function]