

## Product datasheet for **TP316274M**

### DAP Kinase 2 (DAPK2) (NM\_014326) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human death-associated protein kinase 2 (DAPK2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216274 representing NM_014326 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MFQASMRSPNMEPFKQKQKVEDFYDIGEELGSGQFAIVKKCREKSTGLELYAAKFIKKRQSRASRRGVSREE IEREVSILRQVLHHNVITLHDVYENRTDWWLILELVSGGELDFLAQKESLSEEEATSFQIKQILDGVNYL HTKKIAHFDLKPENIMLLDKNIPHIKLIDFLAHEIEDGVEFKNIFGTPEFVAPEIVNYEPLGLEADM WSIGVITYILLSGASPFLGDTKQETLANITAVSYDFDEEFFSQTSELAKDFIRKLLVKETRRLTIQEAL RHPWITPVDNQQAMVRRESVNVLENFRKQYVRRRWKLSFSIVSLCNHLTRSLMKKVHLRPDEDLRNCESD TEEDIARRKALHPRRSSTS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	42.7 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.
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:	<a href="#">NP_055141</a>
Locus ID:	23604



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UniProt ID: [Q9UIK4](#), [A0A024R603](#)

RefSeq Size: 2628

Cytogenetics: 15q22.31

RefSeq ORF: 1110

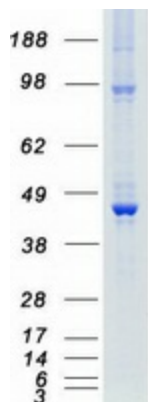
Synonyms: DRP-1; DRP1

**Summary:** This gene encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1 (DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Protein Kinase

**Protein Pathways:** Bladder cancer, Pathways in cancer

### Product images:



Coomassie blue staining of purified DAPK2 protein (Cat# [TP316274]). The protein was produced from HEK293T cells transfected with DAPK2 cDNA clone (Cat# [RC216274]) using MegaTran 2.0 (Cat# [TT210002]).