

## Product datasheet for **TP316274L**

### 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), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC216274 representing NM\_014326

Red=Cloning site Green=Tags(s)

MFQASMRSPNMEPFKQKVEDFYDIGEELGSGQFAIVKKCREKSTGLELYAAKFIKKRQSRASRRGVSREE  
IEREVSILRQVLHHNVITLHDVYENRTDWWLILELVSGGELDFLAQKESLSEEEATSFQIKQILDGVNYL  
HTKKIAHFDLKPENIMLLDKNIPHIKLIDFLAHEIEDGVEFKNIFGTPEFVAPEIVNYEPLGLEADM  
WSIGVITYILLSGASPFLGDTKQETLANITAVSYDFDEEFFSQTSELAKDFIRKLLVKETRRLTIQEAL  
RHPWITPVDNQQAMVRRESVNVLENFRKQYVRRRWKLSFSIVSLCNHLTRSLMKKVHLRPDEDLRNCESD  
TEEDIARRKALHPRRSSTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**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:** [NP\\_055141](#)

**Locus ID:** 23604



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

RefSeq Size: 2628

Cytogenetics: 15q22.31

RefSeq ORF: 1110

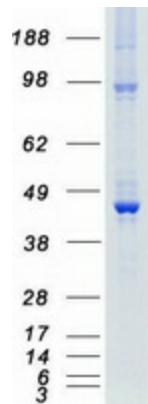
Synonyms: DRP-1; DRP1

**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]).