

Product datasheet for PH316274

DAP Kinase 2 (DAPK2) (NM_014326) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DAPK2 MS Standard C13 and N15-labeled recombinant protein (NP_055141)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216274
Predicted MW:	42.7 kDa
Protein Sequence:	>RC216274 representing NM_014326 Red=Cloning site Green=Tags(s) MFQASMRSPNMEPFKQKVEDFYDIGEELGSGQFAIVKCKREKSTGLEAAKFIKKRQSRASRRGVSREE IEREVSILRQVLHHNVITLHDVYENRTDVVLELVSGGELDFLAQKESLSEEEATSF IKQILDGVNYL HTKKIAHF DLKPENIMLLDKNIP IPHIKLIDFGLAHEIEDGVFEKNI FGTPFVAPEIVNYEPLGLEADM WSIGVITYILLSGASPFLGDTKQETLANITAVSYDFDEEFFSQTSELAKDFIRKLLVKETRKRLTIQEAL RHPWITPVDNQQAMVRRESVVNLENFRKQYVRRRWKLSFSIVSLCNHLTRSLMKKVHLRPDEDLNCESD TEEDIARRKALHPRRSSTS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055141
RefSeq Size:	2628
RefSeq ORF:	1110
Synonyms:	DRP-1; DRP1
Locus ID:	23604



[View online »](#)

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

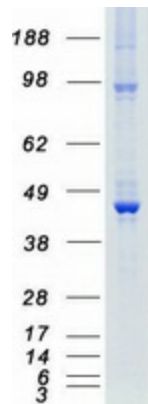
Cytogenetics: 15q22.31

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]).