

Product datasheet for PH309901

CDK5RAP3 (NM_176096) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CDK5RAP3 MS Standard C13 and N15-labeled recombinant protein (NP_788276)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209901
Predicted MW:	56.9 kDa
Protein Sequence:	>RC209901 protein sequence Red=Cloning site Green=Tags(s)

MEDHQHPIDIQTSKLLDWLVDRRHCSLKWQSLVLTIREKINAAIQDMPSEEEIAQLLSGSYIHYFHCLR
ILDLLKGT EASTKNIFGRYSSQRMKDWQEIIALYEKDNLYLVELSLLVRNVNVEIPSLKKQIAKCCQLQ
QEYSRKEEEECQAGAAEMREQFYHSCKQYGITGENVRGELLALVKDLPSQLAEIGAAAQQSLGEAIDVYQA
SVGFVCESPTEQVLPMLRFVQKRGNSTVYEWRTGTEPSVVERPHLEELPEQVAEDAIDWGDGFVEAVSEG
TDSGISAEAGIDWGIFFPESDSKDPGGDGIDWGDDAVALQITVLEAGTQAPEGVARGPDALTLLLEYTETR
NQFLDELMELEIFLAQRAVELSEEADVLVSVQFQLAPAILQGQTKMKMTMVSVLEDLIGKLTSLQLQHL
FMILASPRYVDRVTEFLQKQKQSQLLALKKELMVQKQEALEEQAALPKLDLLEKTKELQKLEADI
SKRYSGRPVNLMGTSL

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_788276
RefSeq Size:	1996
RefSeq ORF:	1518



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Synonyms: C53; HSF-27; IC53; LZAP; MST016; OK/SW-cl.114; PP1553

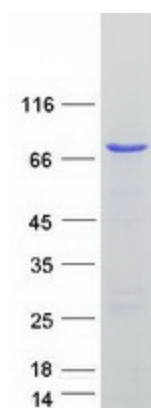
Locus ID: 80279

UniProt ID: [Q96JB5](#)

Cytogenetics: 17q21.32

Summary: This gene encodes a protein that has been reported to function in signaling pathways governing transcriptional regulation and cell cycle progression. It may play a role in tumorigenesis and metastasis. A pseudogene of this gene is located on the long arm of chromosome 20. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, May 2013]

Product images:



Coomassie blue staining of purified CDK5RAP3 protein (Cat# [TP309901]). The protein was produced from HEK293T cells transfected with CDK5RAP3 cDNA clone (Cat# [RC209901]) using MegaTran 2.0 (Cat# [TT210002]).