

## Product datasheet for TP305545

### C6ORF199 (AK9) (NM\_145025) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human adenylate kinase domain containing 2 (AKD2), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205545 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTSQEKTEEYPPFADIFDEDETERNFLLSKPVCVWFVFGKPGVGKTTLARYITQAWKCIRVEALPILEEQIA  
AETESGVMQLQSMISGQSIPDELVIKLMLEKLN SPEVCHFGYIITEIPSLSQDAMTTLQQIELIKNLNLK  
PDVIIINIKCPDYDLCQRISGQRQHNNTGYIYSRDQWDPEVIENHRKKKKEAQKDGKGE EEEEEEEQEEEE  
AFIAEMQMVAEILHHLVQRPEDYLENVENIVKLYKETILQTL EEVMAEHN PQYLIELNGNKPAEELFMIV  
MDRLKYLNLKRAAILTKLQGAEEEEINDTMENDELFR TLASYKLIAPRYRWQRSKWGR T CPVNLKDGNIYS  
GLPDYSVSFLGKIYCLSSEEAL KPFLNPRPYLLPPMPGPPCKVFILGPQYSGKTTLCNMLAENYK GKVT  
N

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	48.3 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.



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RefSeq: [NP\\_659462](#)

Locus ID: 221264

UniProt ID: [Q5TCS8](#)

RefSeq Size: 2558

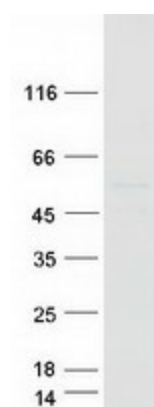
Cytogenetics: 6q21

RefSeq ORF: 1263

Synonyms: AK 9; AKD1; AKD2; C6orf199; C6orf224; dj70A9.1

**Summary:** The protein encoded by this gene catalyzes the interconversion of nucleosides, possessing both nucleoside monophosphate and diphosphate kinase activities. The encoded protein uses these interconversions to maintain nucleoside homeostasis. [provided by RefSeq, Jul 2016]

### Product images:



Coomassie blue staining of purified AK9 protein (Cat# TP305545). The protein was produced from HEK293T cells transfected with AK9 cDNA clone (Cat# [RC205545]) using MegaTran 2.0 (Cat# [TT210002]).