

## Product datasheet for PH318091

### Cytokeratin 9 (KRT9) (NM\_000226) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	KRT9 MS Standard C13 and N15-labeled recombinant protein (NP_000217)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218091
Predicted MW:	61.9 kDa
Protein Sequence:	>RC218091 representing NM_000226 Red=Cloning site Green=Tags(s)

MSCRQFSSSYLSRSGGGGGGLGSGGSIRSSYSRFSSSGGGGGGRFSSSSGYGGGSSRVCGRGGGGSFG  
YSYGGGSGGFSASSLGGFGGGSRGFGGASGGYSSSGFGGGFGGGSGGGFGGYGSFGGFGGFGGG  
AGGGDGGILTANEKSTMQELNSRLASYLDKVQALEEANNLENKIQDWYDKKGPAAIQKNYSPYYNTIDD  
LKDQIVDLTVGNKTLDDIDNTRMTLDDFRIFEMEQLRQGVADINLRQVLDNLTMEKSDLEMQYET  
LQEELMALKKNHKEEMSQLTGQNSGDVNVENVAPGKDLTKTLNMRQYEQLIAKNRDKIENQYETQIT  
QIEHEVSSSGQEVQSSAKEVTQLRHGVQELEIELQSQLSKKAALEKSLEDTKNRYCQQLMIQEIQISNLE  
AQITDVRQEIIECQNEYSLLL SIKMRLEKEIETYHNLLEGGQEDFESSGAGKIGLGRRGGSGGSYGRGSR  
GGSGGSYGGGSGGGYGGGSGSRGGSGGSYGGGSGGGSGGGYGGGSGGGHSGGSGGGHSGGSGGNYGG  
GSGSGGGSGGGYGGGSGSRGGSGGSHGGSGFGGESGGSYGGGEEASGSGGGYGGGSGKSSHS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

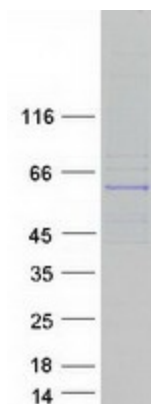
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_000217</a>
RefSeq Size:	2287
RefSeq ORF:	1869



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Synonyms:	CK-9; EPPK; K9
Locus ID:	3857
UniProt ID:	<a href="#">P35527</a>
Cytogenetics:	17q21.2
Summary:	This gene encodes the type I keratin 9, an intermediate filament chain expressed only in the terminally differentiated epidermis of palms and soles. Mutations in this gene cause epidermolytic palmoplantar keratoderma. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified KRT9 protein (Cat# [TP318091]). The protein was produced from HEK293T cells transfected with KRT9 cDNA clone (Cat# [RC218091]) using MegaTran 2.0 (Cat# [TT210002]).