

## Product datasheet for TP318091M

### Cytokeratin 9 (KRT9) (NM\_000226) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human keratin 9 (KRT9), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC218091 representing NM\_000226

**Clone or AA** Red=Cloning site Green=Tags(s)

**Sequence:**

MSCRQFSSSYLSRSGGGGGGLGSGGSIRSSYSRFSSSGGGGGGRFSSSSGYGGSSRVCGRGGGGSFG  
YSYGGGSGGGFASLGGGFGGSRGFGGASGGGYSSSGGFGGGFSGGGFSGGGYGSFGGFGGFGGG  
AGGGDGGILTANEKSTMQELNSRLASYLDKVQALEEANNDLENKIQDWYDKKGPAAIQKNYSPYYNTIDD  
LKDQIVDLTVGNKTLDDIDNTRMTLDDFRIFEMEQLNRQGVADINDLRQVLDNLTMEKSDLEMQYET  
LQEELMALKKNHKEEMSQTLGQNSGDVNVEINVAPGKDLTKLNDMRQEYEQLIAKNRDKDIENQYETQIT  
QIEHEVSSSGQEVQSSAKEVTQLRHGVQELEIELQSQLSKKAALKSLEDTKNRYCGQLQMIQEIQISNLE  
AQITDVRQEIECQNQEYSLLSIKMRLEKEIETYHNLLEGGQEDFESSGAGKIGLGGRRGGSGGSYGRGSR  
GGSGGSYGGGGSGGGYGGGSGSRGGSGGSYGGGSGGGSGGGYGGGSGGGHSGGSGGGHSGGSGGNYGG  
GSGSGGGSGGGYGGGSGSRGGSGGSHGGGSGFGGESGGSYGGGEEASGSGGGYGGGSGKSSHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 61.9 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.

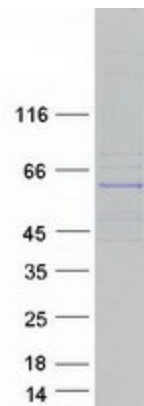
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_000217</a>
<b>Locus ID:</b>	3857
<b>UniProt ID:</b>	<a href="#">P35527</a>
<b>RefSeq Size:</b>	2287
<b>Cytogenetics:</b>	17q21.2
<b>RefSeq ORF:</b>	1869
<b>Synonyms:</b>	CK-9; EPPK; K9
<b>Summary:</b>	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]).