Recombinant Human KRT9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KRT9-2073H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KRT9 MS Standard C13 and N15-labeled recombinant protein (NP_000217) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	61.9 kDa
AA Sequence	MSCRQFSSSYLSRSGGGGGGGLGSGGSIRSSYSRFSSSGGGGGGGRFSSSSGYG GGSSRVCGRGGGGSFGYSYGGGSGGGFSASSLGGGFGGGSRGFGGASGGGYS SSGGFGGGFGGGSGGGFGGGYGSGFGGFGGFGGGAGGGDGGILTANEKSTMQE LNSRLASYLDKVQALEEANNDLENKIQDWYDKKGPAAIQKNYSPYYNTIDDLKDQIV DLTVGNNKTLLDIDNTRMTLDDFRIKFEMEQNLRQGVDADINGLRQVLDNLTMEKSD LEMQYETLQEELMALKKNHKEEMSQLTGQNSGDVNVEINVAPGKDLTKTLNDMRQ EYEQLIAKNRKDIENQYETQITQIEHEVSSSGQEVQSSAKEVTQLRHGVQELEIELQS QLSKKAALEKSLEDTKNRYCGQLQMIQEQISNLEAQITDVRQEIECQNQEYSLLLSIK MRLEKEIETYHNLLEGGQEDFESSGAGKIGLGGRGGSGGSYGRGSRGGSGGSYG GGGSGGGYGGGSGSRGGSGGSYGGGSGSGGGSGGGYGGGSGGGHSGGSGGG

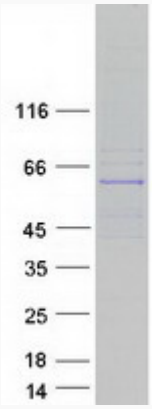
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	HSGGSGGNYGGGSGSGGGSGGGYGGGSGSRGGSGGSHGGGSGFGGESGGSY GGGEEASGSGGGYGGGSGKSSHSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	KRT9 keratin 9 [Homo sapiens (human)]
Official Symbol	KRT9
Synonyms	KRT9; keratin 9; keratin, type I cytoskeletal 9; CK 9; cytokeratin 9; epidermolytic palmoplantar keratoderma; EPPK; K9; type I cytoskeletal 9; keratin-9; cytokeratin-9; CK-9;
Gene ID	3857
mRNA Refseq	NM_000226
Protein Refseq	NP_000217
MIM	607606

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UniProt ID	P35527
SDS-PAGE	

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