

Recombinant Full Length Human KRT9 Protein, GST-tagged

Cat. No. KRT9-5791HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT9 full-length ORF (AAI67813.1, 1 a.a. - 623 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	623 amino acids
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. [provided by RefSeq]
Molecular Mass	95 kDa
AA Sequence	MSCRQFSSSYLSRSGGGGGGGLGSGGSIRSSYSRFSSSGGGGGGGGRFSSSSGYG GGSSRVCGRGGGGSFGYSYGGGSGGGFSASSLGGGFGGGSRGFGGASGGGYS SSGGFGGGFGGGSGGGFGGGYGSGFGGFGGFGGGAGGGDGGILTANEKSTMQE LNSRLASYLDKVQALEEANNDLENKIQDWYDKKGPAAIQKNYSPPYNTIDDLKDQIV DLTVGNNTLLDIDNTRMTLDDFRIKFEMEQLNRQGV DADINGLRQVLDNLTMEKSD LEMQYETLQEELMALKKNHKEEMSQLTGQNSGDVNVEINVAPGKDLTKTLNDMRQ EYEQLIAKNRKDIENQYETQITQIEHEVSSSGQEVQSSAKEVTQLRHGVQELEIELQS QLSKKAALKESLEDTKNRYCGQLQMIQEIQISNLEAQITDVRQEIECQNQEYSLLLSIK MRLEKEIETYHNLLGGQEDFESSGAGKIGLGGRGGSGGSYGRGSRGGSGGSYG GGSGGGYGGGSGSRGGSGGSYGGGSGSGGGSGGGYGGGSGGGHSGGSGGG

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	HSGGSGGNYGGGSGSGGGSGGGYGGGSGSRGGSGGSHGGGSGFGGESGGSY GGGEEASGSGGGYGGGSGKSSHS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	KRT9 keratin 9 [Homo sapiens]
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

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