

Recombinant Human KRT9 Protein, His-tagged

Cat. No. KRT9-1079H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT9 Protein (Lys154-Leu457) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys154-Leu457
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39 kDa; Accurate Molecular Mass: 41 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	KRT9 keratin 9 [Homo sapiens (human)]
Official Symbol	KRT9
Synonyms	KRT9; keratin 9; K9; CK-9; EPPK;
Gene ID	3857
mRNA Refseq	NM_000226
Protein Refseq	NP_000217
MIM	607606
UniProt ID	P35527

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