

Keratin 5 (KRT5) Recombinant Protein | KRT5 recombinant protein

Recombinant Keratin 5 (KRT5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134451	E.coli	Homo sapiens (Human)	Western Blot, SDS-Page

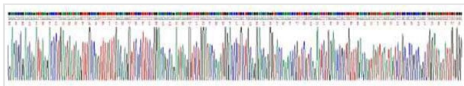
PRODUCT SYNONYMS

Keratin 5 (KRT5); Recombinant Keratin 5 (KRT5); KRT5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5% Trehalose
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	EREQIKTLNN KFASFIDKVR FLEQQNKVLD TKWTLQEQG TKTVRQNLEP LFEQYINNLR RQLDSIVGER GRLDSELRNM QDLVEDFKNK YEDEINKRTT AENEFVMLKK DVDAAYMNKV ELEAKVDALM DEINFMKMFF DAELSQMOTH VSDTSVLSM DNNRNLDLDS IIAEVKAQYE EIANRSRTEA ESWYQTKYEE LQQTAGRHGD DLRNTKHEIS EMNRMIQRLR AEIDNVKKQC ANLQNAIADA EQRGELALKD ARNKLAEELE ALQKAKQDMA RLLREYQELM NTKLALDVEI ATYRKLLERGE ECRL
Applicable Applications for KRT5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Glu168~Leu481
Tags	N-terminal His Tag
Subcellular Location	Secreted, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.0
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C 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.

IMAGES



Application Data

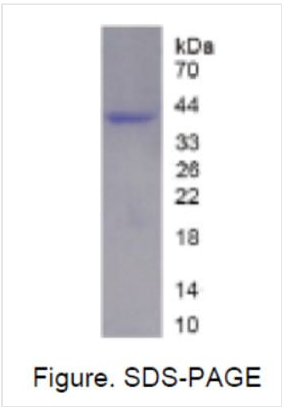


Figure. SDS-PAGE

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395754
NCBI GeneID	3852
NCBI Accession #	NP_000415.2
NCBI GenBank Nucleotide #	NM_000424.3
UniProt Accession #	P13647; Q6PI71; Q6UBJ0; Q8TA91
Molecular Weight	Predicted Molecular Mass: 40.6kDa Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	keratin, type II cytoskeletal 5
NCBI Official Synonym Full Names	keratin 5
NCBI Official Symbol	KRT5
NCBI Official Synonym Symbols	K5; CK5; DDD; DDD1; EBS2; KRT5A
NCBI Protein Information	keratin, type II cytoskeletal 5; CK-5; cytokeratin-5; 58 kda cytokeratin; type-II keratin Kb5; epidermolysis bullosa simplex 2 Dowling-Meara/Kobner/Weber-Cockayne types; keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner/Weber-Cockayne types)
UniProt Protein Name	Keratin, type II cytoskeletal 5
UniProt Gene Name	KRT5
UniProt Synonym Gene Names	CK-5; K5
UniProt Entry Name	K2C5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/krt5-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134451>