

Keratin 10 (KRT10) Recombinant Protein | KRT10 recombinant protein

Recombinant Keratin 10 (KRT10)

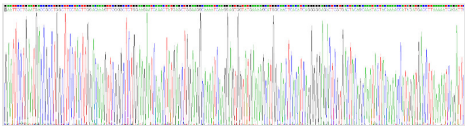
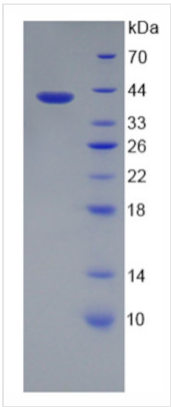
CATALOG # AAA133881	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Keratin 10 (KRT10); Recombinant Keratin 10 (KRT10); KRT10 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 500ug/mL (varies by lot)
Applicable Applications for KRT10 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu153~Glu456
Tags	N-terminal His Tag
Subcellular Location	Secreted
Predicted isoelectric point	4.8
Usage	Reconstitute in 10mM PBS (pH7.4) 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°C for one month. Aliquot and store at -80°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°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.

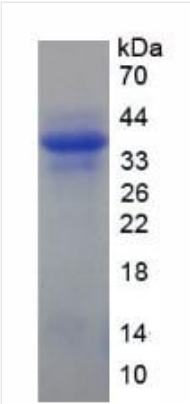


Identification

SDS_PAGE

LNDRLASY LDKVRALEES NYELEGKIKE WYKHHQNSHQ GEPRDYSKYY
KTIDDLKNQI LNLTTDNANI LLQIDNARLA ADDFRLKYEN EVALRQSVEA
DINGLRRVLD ELTLTKADLE MQIESLTEEL AYLKKNHEEE MKDLRNVSTG
DVNVEMNAAP GVDLTQLLNN MRSQYEQLAEE QNRKDAEAWF NEKSKELTTE
IDNNIEQISS YKSEITELRR NVQALEIELQ SQLALKQSLE ASLAETEGRY
CVQLSQIAAQ ISALEEQQLQ IRAETECQNT EYQQLLDIKI RLENEIQTYR
SLLEGE

Gene Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972866
NCBI GeneID	3858
NCBI Accession #	NP_000412.3
NCBI GenBank Nucleotide #	NM_000421.3
UniProt Accession #	P13645; Q14664; Q8N175
Molecular Weight	Predicted Molecular Mass: 38.9kDa Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	keratin, type I cytoskeletal 10
NCBI Official Synonym Full Names	keratin 10
NCBI Official Symbol	KRT10
NCBI Official Synonym Symbols	BIE; EHK; K10; KPP; BCIE; CK10
NCBI Protein Information	keratin, type I cytoskeletal 10; CK-10; keratin-10; cytokeratin 10
UniProt Protein Name	Keratin, type I cytoskeletal 10
UniProt Gene Name	KRT10
UniProt Synonym Gene Names	KPP; CK-10; K10
UniProt Entry Name	K1C10_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/krt10-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/133881>