

Keratin 71 (KRT71) Recombinant Protein | KRT71 recombinant protein

Recombinant Keratin 71 (KRT71)

CATALOG # AAA133972	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Keratin 71 (KRT71); Recombinant Keratin 71 (KRT71); KRT71 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEF-ER EQIKALNNKF ASFIDKVRFL EQQNQVLQTK WELLQQLDLN NCKNNLEPIL EGHISNMRKQ LETLSGDRVR LDSELRNVRD VVEDYKKKYE EEINRRTAEE NEFVLLKKDV DAAYANKVEL QAKVDTMDQD IKFFKCLFEA EMAQIQSHIS DMSVILSM DN NRNL DLSII DEVRAQYEEI ALKSKAEAEA LYQTKFQELQ LAAGRHGDDL KNTKNEITEL TRFIQRLRSE IENAKKQASN LETAIADAEQ RGDSALKDAR AKLDELEGAL HQAKEELARM LREYQELMSL KLALDMEIAT YRKLESE
Sequence Length	524
Applicable Applications for KRT71 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Glu131~Glu440 (Accession # Q9R0H5) with N-terminal His-Tag
Predicted isoelectric point	5.4
Predicted Molecular Mass	37.2kDa
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910294
NCBI GeneID	56735
NCBI Accession #	NP_064340.1
NCBI GenBank Nucleotide #	NM_019956.1
UniProt Accession #	Q9R0H5; Q7TPF3; Q9D0X6; A0JLW9
NCBI Official Full Name	keratin, type II cytoskeletal 71
NCBI Official Synonym Full Names	keratin 71
NCBI Official Symbol	Krt71
NCBI Official Synonym Symbols	Ca; Cu; Cal4; mK6irs; Krt2-6g; mK6irs1; AA589543
NCBI Protein Information	keratin, type II cytoskeletal 71; K6G; K71; CK-6G; CK-71; caracul; keratin-6G; keratin-71; cytokeratin-6G; cytokeratin-71; mK6irs1/Krt2-6g; type-II keratin Kb34; keratin complex 2, gene 6g; keratin complex 2, basic, gene 6g; type II inner root sheath-specific keratin-K6irs1
UniProt Protein Name	Keratin, type II cytoskeletal 71
UniProt Gene Name	Krt71
UniProt Synonym Gene Names	K6irs1; Kb34; Krt2-6g; Krt6g; CK-6G; CK-71; K6G; K71; mK6irs
UniProt Entry Name	K2C71_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/krt71-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/133972>