

Keratin 14 Recombinant Protein | KRT14 recombinant protein

Recombinant Keratin 14 (KRT14)

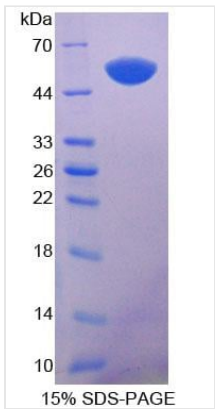
CATALOG # AAA144176	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

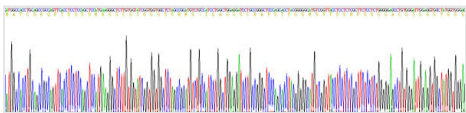
Keratin 14; Recombinant Keratin 14 (KRT14); KRT14 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 90ug/mL (varies by lot)
Applicable Applications for KRT14 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Asn484
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Predicted isoelectric point	5.1
Traits	Freeze-dried powder
Usage	Reconstitute in ddH2O 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.



Identification



SDS-PAGE

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MATCSRQFTS SSSMKGSQGI GGGSSRMSSI LAGGSCRAPS TYGGMSVTSS  
RFSSGGACGI GGGYGGSFSS SSFGGGLGSG FGGRFDGFGG GFGGGLGGGF  
GGGLGGGLGG GIGGGLLVGS EKVTQNLND PLATYLDKVR ALEEANTELE  
VKIRDWYQRP RPTETIDYSP YFKTIEDLKS KILAATVQNA NVLLOIDNAR  
LAADDFTNIF ETEQSLRWSV EADINGLRPV LDDELTPAAD LEMQIESLKE  
ELAYLKKNHE EEMASMRQGV GGDVNVENDA APQVDLSFIL NEMPDYKEM  
AEKIPKDAEE WFFSI TEELN REVATNSELV QSGKSEISEL PRTMQLNLEIE  
LQSQLSMKAS LENNLEETKG PYCMOLAQIQ EMIGSVEEQL AQLRCEREQQ  
NQEYKILLDV KTRLEQEIAT YRPLLEGEDA HLSSQSFSS SQFSSQSQSS  
RDVTSTNRQI RTKLVHDVHG KVVSTHEQVL RTKN
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	15431310
NCBI GeneID	3861
NCBI Accession #	NP_000517.2
NCBI GenBank Nucleotide #	NM_000526.4
Molecular Weight	Predicted Molecular Mass: 56.6kDa Accurate Molecular Mass: 57kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	keratin, type I cytoskeletal 14
NCBI Official Synonym Full Names	keratin 14, type I
NCBI Official Symbol	KRT14
NCBI Official Synonym Symbols	K14; NFJ; CK14; EBS3; EBS4
NCBI Protein Information	keratin, type I cytoskeletal 14
UniProt Protein Name	Keratin, type I cytoskeletal 14
UniProt Gene Name	KRT14
UniProt Synonym Gene Names	CK-14; K14
UniProt Entry Name	K1C14_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.