

Cytokeratin 4 Recombinant Protein | CK4 recombinant protein

Recombinant Cytokeratin 4 (CK4)

CATALOG # AAA150204	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

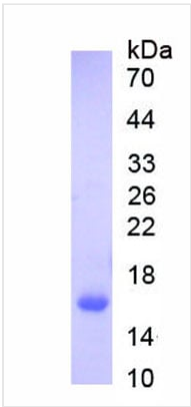
PRODUCT SYNONYMS

Cytokeratin 4; Recombinant Cytokeratin 4 (CK4); CYK4; KRT4; K4; Keratin 4; Keratin; type II cytoskeletal 4; Type-II keratin Kb4; CK4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Applicable Applications for CK4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asp194~Val301
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	4.7
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



Sequence

INALRKNLDT	LSNDKGRLQS	ELKMMQDSVE	DFKTKYEEII	NKRTAAENDF	DPFFETY
VVLKKQVDAA	YMIKVELEAK	MESLKDEINF	TRVLYEAEIA	QMQTHVSOTS	V

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CK4 recombinant protein	Tumor immunity
---	----------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	133778953
NCBI GeneID	16682
NCBI Accession #	NP_032501.2
NCBI GenBank Nucleotide #	NP_032501.2
UniProt Accession #	P07744
Molecular Weight	Predicted Molecular Mass: 16.3kDa Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	keratin, type II cytoskeletal 4
NCBI Official Synonym Full Names	keratin 4
NCBI Official Symbol	Krt4
NCBI Official Synonym Symbols	K4; Krt2-4; Krt-2.4; AW108092
NCBI Protein Information	keratin, type II cytoskeletal 4
UniProt Protein Name	Keratin, type II cytoskeletal 4
UniProt Gene Name	Krt4
UniProt Synonym Gene Names	Krt2-4; CK-4; K4
UniProt Entry Name	K2C4_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.