

Recombinant Keratin 28 (KRT28) Instruction Manual

SIPS214Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	80.3kDa
Accurate Molecular Mass	80kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Phe462 with N-terminal His and GST Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MSLRFSGGSR HVGIQSGSLR PPSGGAGFAG SSVAGGSVAG SGFSWALGGT
LGSAPGGSHA TGALGNVSGV CFGSEGGLL SGNEKVTMQN LNNRLASYLD
NVKALEEANS ELERKIKTWH EKYGPGSCRG LDRDYSKYHL TIEDLKSKII
SSTAANANII LQIDNARLAA DDFRLKYENE LTLHQNVEAD INGLRRVLDE
LTLCRTDQEL QYESLSEEMT YLKKNHHEEM KVLQCAAGGN VNVEMNAAPG
VDLTVLLNNM RAEYEALAEQ NRRDAEAWFQ EKSATLQQQI SNDLGAATSA
RTELTELKRS LQTLEIELQS LSATKHSLEC SLAETEGNYC SQLAQIQAQI
SALEEQLHQV RTETEGQKLE HEQLLDIKAH LEKEIETYCR LIDGDENSCS
VSKGFESGTS GNSPKDVSKT TLVKTVVEEI DQRGKVLSSR IHSIEEKMSK
MSNGKAEQRV PF

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

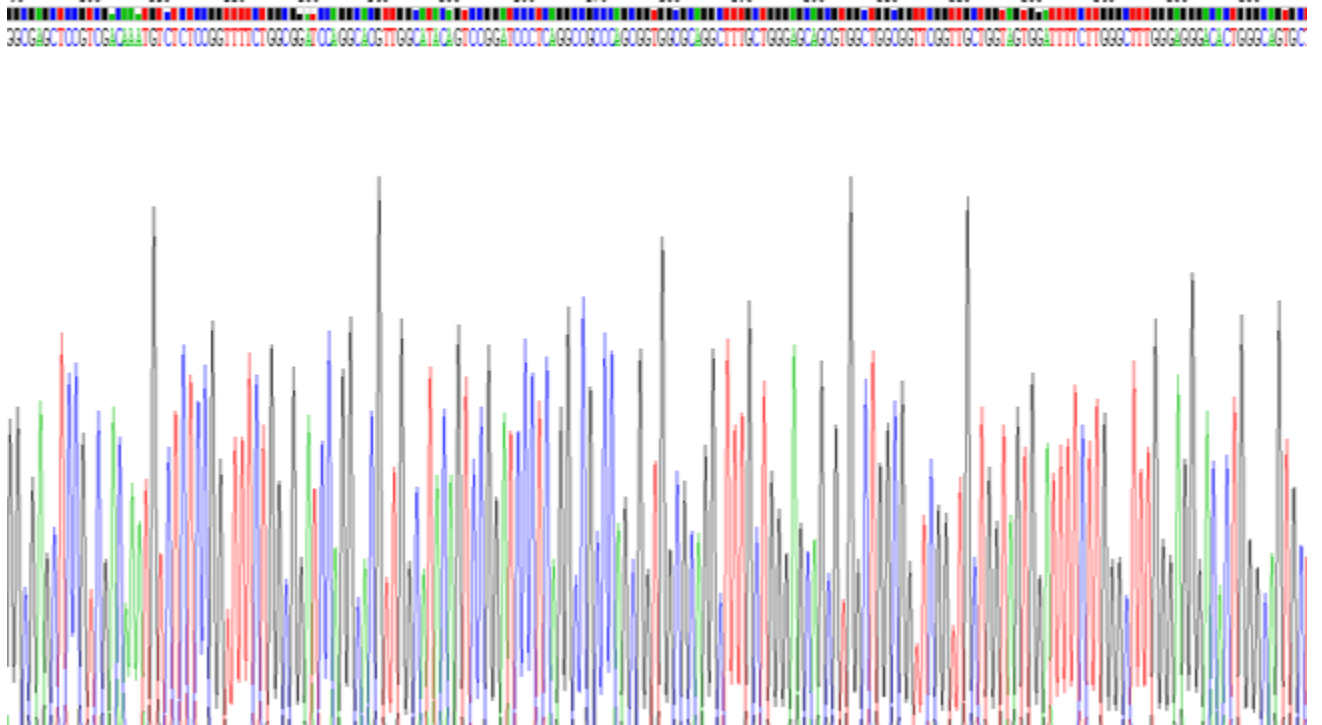
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.