

Recombinant Human Cytokeratin 5 (CK5)

Catalog # IC8488

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Glu168~Leu481

Tags: N-terminal His Tag

Subcellular Location: Secreted, Cytoplasm

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 600µg/mL

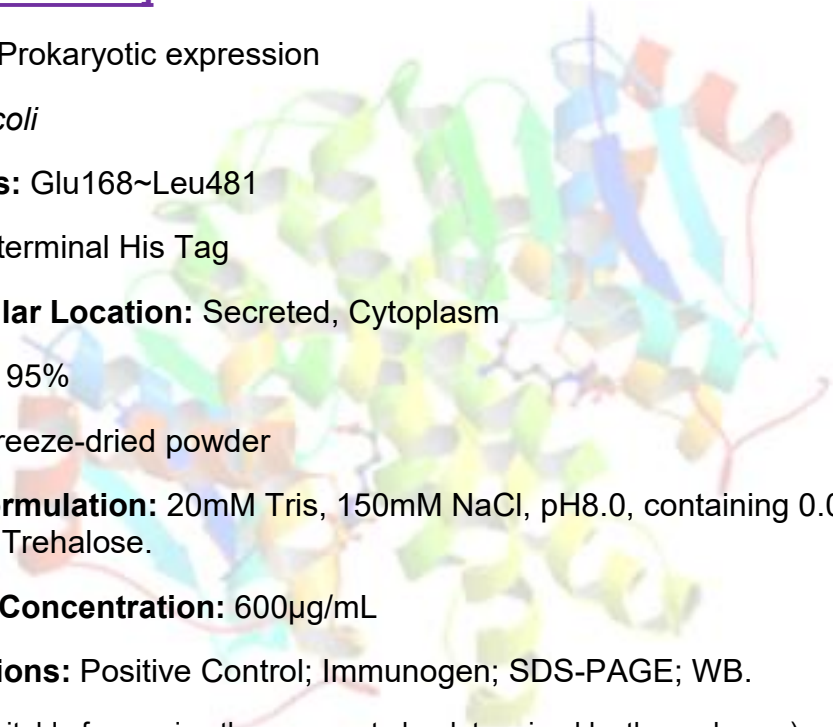
Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.0

Predicted Molecular Mass: 40.6kDa

Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.



[USAGE]

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

[STORAGE AND STABILITY]

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.

[SEQUENCE]

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ERE QIKTLNNKFA SFIDKVRFL E QQNKVLDTKW
TLLQE QGTKT VRQNL EPLFE QYINNLRRL DSIVGERGR L DSELRNMQDL
VEDFKNKYED EINKRTTAEN EFVMLK KDVD AAYMNKVELE AKVDALMDEI
NFMKMFDAE LSQM QTHVSD TSVVLSMDNN RNLDLDSIIA EVKAQYEEIA
NRSRTEAESW YQTKYEELQQ TAGRHGDDL R NTKHEISEMN RMIQRLRAEI
DNVKKQCANL QNAIADAEQR GELALKDARN KLAELEEALQ KAKQDMARLL
REYQELMNTK LALDVEIATY RKLLEGE ECR L
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[IDENTIFICATION]

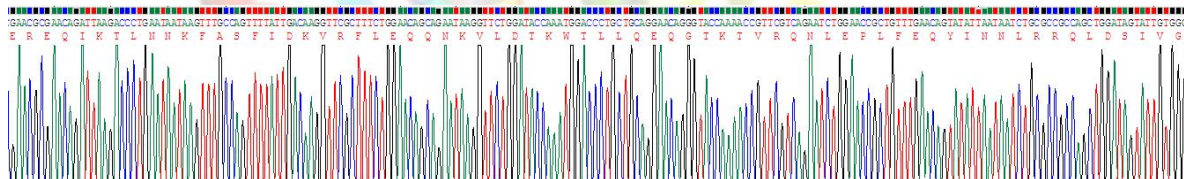


Figure. Gene Sequencing (Extract)



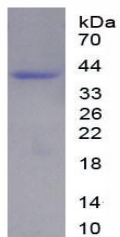


Figure. SDS-PAGE

