



Recombinant CRISPR-associated endonuclease Cas9/Csn1+NLS

Catalog No.: TP09863

50µg

Sequence Information

Species: Streptococcus pyogenes serotype M1

Gene ID:

Swiss Prot: Q99ZW2

Synonyms:

Residues: Met1-Val1392

MASPPKKKRKVGSMDDKYSIGLDIGTNSVGWAVITDDYKVPSKKFKVLGNTDRHSIKKNLIGALLFGSGETAETRLKR
TARRRYTRRKNRICYLQEIFSNEMAKVDDSFHRLSEESFLVEEDKKHERHPIFGNIVDEVAYHEKYPTIYHLRKKLADS
TDKADLRLLIYLALAHMIKFRGHFLIEGDLNPDNSDVKLFQILVQIYNQLFEENPINASRVDAKAILSARLSKSRLEN
LIAQLPGEKRNGLFGNLIASLGLTPNFKSNDLAEDAKLQLSKDTYDDDLNLLAQIGDQYADLFLAAKNLSDAILLS
DILRVNSEITKAPLSASMIKRYDEHHQDLTLLKALVRQQLPEKYKEIFFDQSKNGYAGYIDGGASQEEFYKFIKPILEK
MDGTEELLVKLNREDLLRKQRTFDNGSIPHQIHLGELHAILRRQEDFYFPLKDNREKIEKILTFRIPYYVGPLARGNSR
FAWMTRKSEETITPWNFEVVVDKGASQSFIERMTNFDKNLPNEKVLPHKSLLEYFTVYNELTKVKYVTEGMRKPAFL
SGEQKKAIVDLLFKTNRKVTVKQLKEDYFKKIECFDSVEISGVEDRFNASLGAYHDLKIIKDKDFLDNEENEDI
VLTTLTFEDRGMIEERLKYAHLFDDKVMKQLKRRRYTGWGRLSRKLINGIRDQSGKTILDFLKSDGFANRNFQQLIH
DDSLTFKEDIQKAQVSGQGHSLHEQIANLAGSPAIKKGILQTVKIVDELVKVMGHKPENIVIAMARENQTTQKGQKNSR
ERMKRIEEGKELGSQILKEHPVENTQLQNEKLYLYLQNGRDMYVDQELDINRLSDYDQDHIVPQSFIKDSDIDNKVL
TRSDKNRGKSDNVPSEEVVKMKNYWRQLLNAKLITQRKFDNLTKAERGGLSELDKAGFIKRQLVETRQITKHVAQILD
SRMNTKYDENDKLIREVKVITLKSCLVSDFRKDFQFYKVRINNYHHAHDAYLNAVVGTAIIKKYPKLESEFVYGDYKV
YDVRKMIKSEQEIGKATAKYFFYSNIMNFFKTEITLANGEIRKRPLIETNGETGEIVWDKGRDFATVRKVLSPQVNI
VKKTEVQTGGFSKESILPKRNSDKLIARKKDWDPKKYGGFDSPTVAYSVLVVAKEGKSKKLKSVKELLGITIMERS
FEKNPIDFLEAKGYKEVKDLIIKLPKYSLEFELNGRKRMLASAGELQKGNELALPSKYVNFYLYASHYEKLKGSPE
EQQLFVEQHKHYLDEIIIEQISEFSKRVILADANLDKVL SAYNKHDKPIREQAENIIHLFTLTNLGAPAAFKYFDTTI
DRKRYTSTKEVLDTLHQSITGLYETRIDLSQLGGDSPVRSPKKKRKV

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His-Tag

Subcellular Location: Secreted.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS (PH7.4) , containing 5% Trehalose.

Original Concentration: 400µg/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: 9.8

Predicted Molecular Mass: 164kDa

Accurate Molecular Mass: 164kDa as determined by SDS-PAGE reducing conditions.



[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-0.5 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.

[IDENTIFICATION]

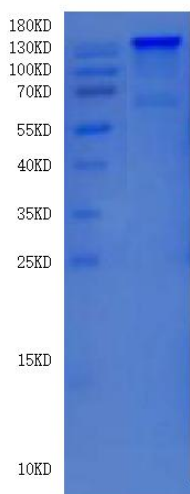


Figure . SDS-PAGE

[IMPORTANT NOTE]

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