FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Cys36~Ala468

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO$_3$, 500mMNaCl, pH8.3, containing 0.01% SKL, 5%

Trehalose.

Original Concentration: 80µg/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: 8.4

Predicted Molecular Mass: 47.8kDa

Accurate Molecular Mass: 48kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH$_2$O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8⁰C for one month.

Aliquot and store at -80⁰C 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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                             CGGDV  TGESGYVASE
GFPNLYPPNK  KCIWTITVPE  GQTVSLSFRV  FDMELHPSCR  YDALEVFAGS
GTSGQRLGRF  CGTFRPAPVV  APGNQVTLRM  TTDEGTGGRG  FLLWYSGRAT
SGTEHQFCGG  RMEKAQGTLT  TPNWPESDYP  PGISCSWHII  APSNQVIMLT
FGKFDVEPDT  YCRYDSVSVF  NGAVSDDSKR  LGKFCGDKAP  SPISSEGNEL
LVQFVSDLSV  TADGFSASYR  TLPRDAVEKE  SALSPGEDVQ  RGPQSRSDPK
TGTGPKVKPP  TKPKSQPAET  PEASPATQAT  PVAPAAPSIT  CPKQYKRSGT
LQSNFCSSSL  VVTGTVKTMV  RGPGEGLTVT  VSLLGVYKTG  GLDLPSPPSG
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ILNNLSKRKC  PSQPRTAA
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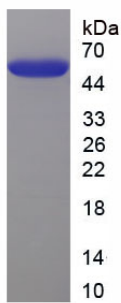
[IDENTIFICATION]

Figure. SDS-PAGE

[IMPORTANT NOTE]