

Recombinant Aminoacyl tRNA Synthetase Complex Interacting Multifunctional Protein 1 (AIMP1) Instruction Manual

SIPL387Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	37.6kDa
Accurate Molecular Mass	42kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala2~Lys310 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	8.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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ATNDAVLKR LEQKGAEADQ IIEYLKQQVA LLKEKAILQA TMREEKLRV  
ENAKLKKEIE ELKQELILAE IHNGVEQVRV RLSTPLQTNC TASESVVQSP  
SVATTASPAT KEQIKAGEEK KVKEKTEKKG EKKEKQQSAA ASTDSKPIDA  
SRDLRIGCI VTAKKHPDAD SLYVEEVDVG EAPRTVVSG LVNHVPLEQM  
QNRMVLLCN LKPAKMRGVL SQAMVMCASS PEKVEILAPP NGSVPGDRIT  
FDAFPGEPDK ELNPKKKIWE QIQPDLHTNA ECVATYKGAP FEVKGGKGVCR  
AQTMANSGIK
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USAGE

Reconstitute in 10mM PBS (pH7.4) 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

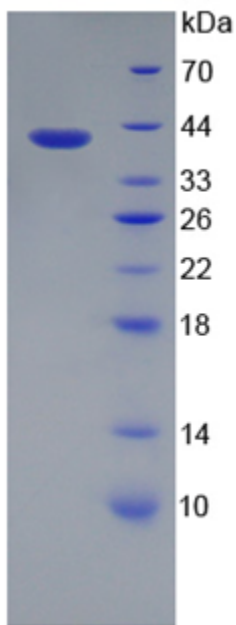


Figure. SDS-PAGE

[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.