

Recombinant Fatty Acid Synthase (FASN) Instruction Manual

SIPC786Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	32.3kDa
Accurate Molecular Mass	30kDa(Analysis of differences refer to the manual)
Residues & Tags	Pro2243~Gly2505 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	6.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

PIEGSITV
FHSLAAKLSV PTYGLQCTQA APLDSIPNLA AYYIDCIKQV QPEGPYRVAG
YSFGACVAFE MCSQLQAQQG PAPAHNLF FDGSHTYVLA YTQSYRAKLT
PGCEAEAEAE AICFFIKQFV DAEHSHVLEA LLPLKSLEDR VAAAVDLITR
SHQSLDRRDL SFAAVSFYK LRAADQYKPK AKYHGNVILL RAKTGGTYGE
DLGADYNLSQ VCDGKVSVHI IEGDHRTLLE GRGLESIIINI IHSSLAEPV
SVREG

USAGE

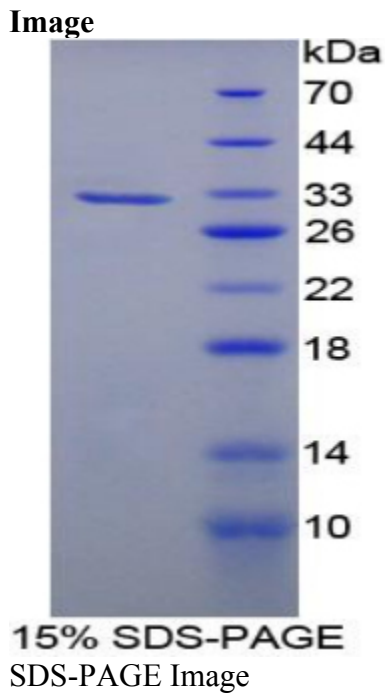
Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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.



[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.