

Recombinant Proenkephalin (PENK) Instruction Manual

SIPD123Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	46.0kDa
Accurate Molecular Mass	48kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu50~Phe268 with His and TRxA Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

ECEGQLPSFK IWETCKDLLQ VSRPEFPWDN IDMYKDSSKQ DESHLLAKKY
GGFMKRYGGF MKKMDLYPM EPEEEANGGE ILAKRYGGFM KKDADEGDTL
ANSSDLLKEL LGTGDNRAKD SHQQESTNND EDMSKRYGGF MRSLKRSPQL
EDEAKELQKR YGGFMRRVGR PEWMDYQKR YGGFLKRFAE SLPSDEEGEN
YSKEVPEIEK RYGGFMRF

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.4 mg/mL. Do not vortex.

STORAGE

