

Recombinant Mouse Npff Protein, His&GST-tagged

Cat. No. Npff-1841M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Npff Protein (Leu15-Lys113) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu15-Lys113
Description	This gene encodes neuropeptides involved in analgesia, cardiovascular regulation, neuroendocrine function and opiate addiction. The encoded protein is a preproprotein that undergoes further processing to generate multiple amidated peptides.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.3 kDa Accurate Molecular Mass: 44 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

 Tel: 1-631-559-9269 1-516-512-3133

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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

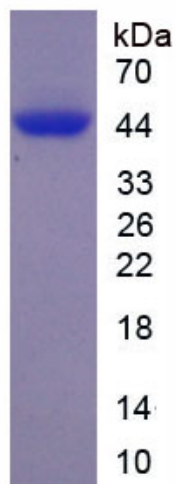
GENE INFORMATION

Gene Name	Npff neuropeptide FF-amide peptide precursor [<i>Mus musculus</i> (house mouse)]
Official Symbol	Npff
Synonyms	NPFF; neuropeptide FF-amide peptide precursor; FMRFamide-related peptides;
Gene ID	54615
mRNA Refseq	NM_018787
Protein Refseq	NP_061257
UniProt ID	Q9WVA8

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