

Recombinant Mouse Npff Protein, His-GST-tagged

Cat. No. Npff-18M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Npff Protein (Leu15~Lys113, Accession Q9WVA8) was expressed in E. coli with His-GST-tag.
Species	Mouse
Source	E.coli
ProteinLength	15-113 a.a.
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	Lyophilized powder
Molecular Mass	44 kDa (SDS-PAGE under reducing conditions.)
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % by SDS-PAGE
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage buffer Sterile PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution It is recommended that sterile PBS be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name Npff neuropeptide FF-amide peptide precursor [*Mus musculus*]

Official Symbol Npff

Synonyms NPFF; neuropeptide FF-amide peptide precursor; FMRFamide-related peptides

Gene ID 54615

mRNA Refseq NM_018787

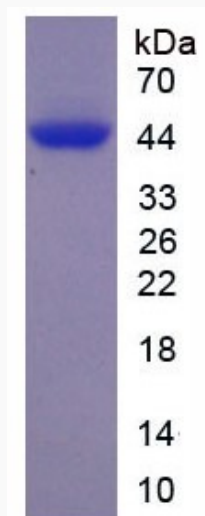
Protein Refseq NP_061257

UniProt ID Q9WVA8

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