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# Nesfatin-1, mouse recombinant protein

**Nesfatin 1**
**Catalog # PBV10483r**

## Specification

### Nesfatin-1, mouse recombinant protein - Product info

| | |
|---|---|
| Primary Accession | P81117 |
| Calculated MW | 8.0 kDa KDa |

### Nesfatin-1, mouse recombinant protein - Additional Info

| | |
|---|---|
| Gene ID | 53322 |
| Gene Symbol | Nucb2 |

**Other Names**
Nesfatin 1, Nucleobindin-2, DNA-binding protein NEFA, Prepronefastin

| | |
|---|---|
| Gene Source | Mouse |
| Source | E. coli |
| Assay&Purity | SDS-PAGE; ≥95% |
| Assay2&Purity2 | HPLC; |
| Recombinant | Yes |

**Application Notes**
Reconstitute with sterile $H_2O$ to a concentration of 0.1-1 mg/ml. Further dilutions should be made with medium containing 0.2% BSA.

**Format**
Lyophilized protein

**Storage**
-20°C; Sterile filtered and lyophilized from PBS

### Nesfatin-1, mouse recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

### Nesfatin-1, mouse recombinant protein - Images

### Nesfatin-1, mouse recombinant protein - Background

Nesfatin-1, a polypeptide produced by cleavage of the NEFA/nucleobindin-2 (NUCB2), is a secreted

protein, expressed in the appetite-control hypothalamic nuclei. Nesfatin is involved in the regulation of the feeding behavior. Intracerebroventicular injection of nesfatin-1 reduces body weight in rats be affecting the animal food intake.

**Nesfatin-1, mouse recombinant protein - References**

Taniguchi N.,et al.J. Biol. Chem. 275:31674-31681(2000).
Hoefig K.,et al.Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases.