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# Nesfatin-1, rat recombinant protein

**Nesfatin 1**

**Catalog # PBV10484r**

## Specification

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

| | |
|---|---|
| Primary Accession | Q9JI85 |
| Calculated MW | 8.0 kDa KDa |

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

| | |
|---|---|
| Gene ID | 59295 |
| Gene Symbol | Nucb3 |

**Other Names**

Nesfatin 1, Nucleobindin-2, DNA-binding protein NEFA, Prepronefastin

| | |
|---|---|
| Gene Source | Rat |
| 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, rat 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, rat recombinant protein - Images

### Nesfatin-1, rat 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, rat recombinant protein - References**

Hirschfeld G.,et al.Submitted (MAR-2000) to the EMBL/GenBank/DDBJ databases.
Hauge X.,et al.Submitted (FEB-2000) to the EMBL/GenBank/DDBJ databases.
Oh-I S.,et al.Nature 443:709-712(2006).
Yamawaki H.,et al.Biochem. Biophys. Res. Commun. 418:676-681(2012).