

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 H₂O 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 Cytometry](#)
- [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. Intracerebroventricular injection of nesfatin-1 reduces body weight in rats by 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.