



PRODUCT DATA SHEET

Product: Nesfatin-1, mouse recombinant (tagged)

Cat. No.: BC-330 (50 µg)

Description:

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 rat by affecting the animal food intake.

Molecular Weight:

~ 35 kDa

Source:

Produced in E. coli. Mouse Nesfatin-1 (aa 25 – 106) is fused at the N-terminus to a GST-tag.

Format:

Lyophilized from a PBS solution. The concentration is 1 mg/mL after reconstitution.

Reconstitution:

Reconstitute with 50 µL sterile water. Further dilutions should be made with medium containing 0.2% bovine serum albumin (BSA).

Purity:

≥95% as determined by SDS-PAGE.

Endotoxin Content:

< 0.1 EU/µg purified protein (LAL test; Bio Whittaker).

Storage:

Store long term at -20°C. Stable for at least 6 months after receipt when stored at -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid repeated freeze/thaw cycles.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.