

Recombinant Rat Nesfatin-1

CATALOG #:	4914-10
AMOUNT:	10 µg
LOT #:	_____
MOL. WT.	8 kDa
SOURCE:	Produced in <i>E. coli</i> (a.a. 25-106 of rat nesfatin-1)
PURITY:	>95% by SDS-PAGE
ENDOTOXIN:	<0.1 EU/µg purified protein (LAL test)
FORM:	Lyophilized from PBS

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute with sterile water to a concentration of 0.1-1 mg/ml. Further dilutions should be made with medium containing 0.2% BSA.

STORAGE CONDITIONS:

The lyophilized protein should be stored desiccated below 0°C. Stable for 12 months. Reconstituted Nesfatin-1 should be stored in working aliquots at -20°C. Avoid freeze/thaw cycles.

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 rats by affecting the animal food intake.

FOR RESEARCH USE ONLY! Not to be used on humans.

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