

32-8875: Recombinant Human Nucleobindin-2/Nesfatin-1**Gene :** NUCB2**Gene ID :** 4925**Uniprot ID :** P80303**Description**

Source: E.coli.

MW :9.6kD.

Recombinant Human Nucleobindin-2 is produced by our E.coli expression system and the target gene encoding Val25-Leu106 is expressed. Nesfatin-1 is a metabolic polypeptide encoded in the N-terminal region of the precursor protein, Nucleobindin2 (NUCB2). Nesfatin-1 is a neuropeptide produced in the hypothalamus of mammals. It participates in the regulation of hunger and fat storage. Nesfatin-1 is also expressed in other areas of the brain, and in pancreatic islets beta-cells, gastric endocrine cells and adipocytes. Nesfatin-1 suppresses food intake and can regulate energy metabolism in a Leptin independent manner. Nesfatin-1 may also exert hypertensive roles and modulate blood pressure through directly acting on peripheral arterial resistance.

Product Info**Amount :** 10 µg / 50 µg**Content :** Lyophilized from a 0.2 µm filtered solution of 10mM Sodium Phosphate,pH6.5.**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.**Amino Acid :** VPIDIDKTKVQNIHPVESAKIEPPDTGLYYDEYLKQVIDVLETDKHFREKLQKADIEEIKSGRLSKELD
LVSHHVRTLDEL**Application Note****Endotoxin :** Less than 0.1 ng/Âµg (1 IEU/Âµg) as determined by LAL test.