

## 32-4353: Recombinant Human Nucleobindin-2, His Tag

**Alternative Name :** Nucleobindin-2,DNA-binding protein NEFA,Gastric cancer antigen Zg4,NUCB2,NEFA,Nesfatin.

### Description

Source : Escherichia Coli. The Recombinant Human NUCB2 (Nesfatin) produced in E.coli has a molecular mass of 10.79kDa containing 92 amino acid residues of the human NUCB2 and fused to a 10 a.a. His tag at N-terminus. Nucleobindin-2 (also known as NUCB2 or Nesfatin) is a EF-hand calcium-binding protein. Nucleobindin-2 takes part in calcium homeostasis and is a multifunctional protein that interacts with  $Ca^{2+}$  nucleic acids & various regulatory proteins in different signaling pathways. NUCB2 (Nesfatin) is localized in neuronal perikarya and dendrites of mouse brain.

### Product Info

<b>Amount :</b>	10 $\mu$ g
<b>Content :</b>	NUCB2 (Nesfatin) was filtered (0.4 $\mu$ m) and lyophilized from 0.5 mg/ml in 20mM Tris and 50mM NaCl, pH 7.5.
<b>Storage condition :</b>	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Amino Acid :</b>	MKHHHHHHAS VPIDIDKTKV QNIHPVESAK IEPPDTGLYY DEYLKQVIDV LETDKHFREK LQKADIEEIK SGRLSKELDL VPIDIDKTKV QNIHPVESAK IEPPDTGLYY DEYLKQVIDV LETDKHFREK LQKADIEEIK SGRLSKELDL VSHHVRTKLD EL.

### Application Note

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

