9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NUCB2 Human, His

Nucleobindin-2 Human Recombinant, His Tag
RCP1534

Product Overview

Name	NUCB2 Human, His
Description	
Nucleobindin-2 Human Recombinant, His Tag	
Accession (Primary)	P80303
Synonyms	
Nucleobindin-2, DNA-binding protein NEFA, Gastric cancer antigen Zg4, NUCB2, NEFA, Nesfatin.	
Introduction	
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.	
Source	
Escherichia Coli.	
Formulation	
NUCB2 (Nesfatin) was filtered (0.4 µm) and lyophilized from 0.5 mg/ml in 20mM Tris and 50mM NaCl, pH 7.5.	
Stability	
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.	
Amino acid sequence	
MKHHHHHHAS VPIDIDKTKV QNIHPVESAK IEPPDTGLYY DEYLKQVIDV LETDKHFREK LQKADIEEIK SGRLSKELDL VPIDIDKTKV QNIHPVESAK IEPPDTGLYY DEYLKQVIDV LETDKHFREK LQKADIEEIK SGRLSKELDL VSHHVRTKLD EL.	
Solubility	
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.	
Applications	

Western blotting.

Precautions

NUCB2 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P80303)