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NUCB2 Human

Nucleobindin-2 Human Recombinant
RCP1533

Product Overview

Name	NUCB2 Human
Description	
Nucleobindin-2 Human Recombinant	
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.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
The NUCB2 protein was lyophilized from a 0.2 μm filtered concentrated solution in 1×PBS, pH 7.4.	
Stability	
Lyophilized NUCB2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NUCB2 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
VPIDIDKTKV QNIHPVESAK IEPPDTGLYY DEYLKQVIDV LETDKHFREK LQKADIEEIK SGRLSKELDL VSHHVRTKLD EL.	
Solubility	
It is recommended to reconstitute the lyophilized NUCB2 in sterile 18M-cm H 2 O not less than 100 μg/ml, which can	

then be further diluted to other aqueous solutions.

Precautions

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

Target Information: (P80303)