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32-4352: Recombinant Human Nucleobindin-2

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 9.7kDa containing 82 amino acid residues of the human NUCB2. 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

Amount :	100 µg
Purification :	Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	The NUCB2 protein was lyophilized from a 0.2µm filtered concentrated solution in 1xPBS, pH 7.4.
Storage condition :	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.
Amino Acid :	VPIDIDKTKV QNIHPVESAK IEPPDTGLYY DEYLKQVIDV LETDKHFREK LQKADIEEIK SGRLSKELDL VSHHVRTKLD EL.

Application Note

It is recommended to reconstitute the lyophilized NUCB2 in sterile 18M-cm H2O not less than 100Âµg/ml, which can then be further diluted to other aqueous solutions.