

NUCB2

Recombinant Human Nucleobindin-2

Catalog No.	CS438A CS438B CS438C	Quantity:	20 µg 100 µg 1 mg
Alternate Names:	Nucleobindin-2, DNA-binding protein NEFA, Gastric cancer antigen Zg4, NUCB2, NEFA, Nesfatin.		
Description:	Nucleobindin-2 is an 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 is localized in neuronal perikarya and dendrites of mouse brain. Recombinant Human NUCB2 is a single polypeptide chain containing 82 amino acids.		
Gene ID:	4925		
Protein Accession No:	P80303		
Source:	<i>E. coli</i>		
Molecular Mass:	9.7 kDa		
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.		
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		
Reconstitution:	It is recommended to reconstitute the lyophilized in sterile distilled water not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.		
Storage & Stability:	Lyophilized product is stable at room temperature for up to 3 weeks. On receipt store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein such as 0.1% HSA or BSA as a stabilizer. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

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