

32-4354: Recombinant Mouse Nucleobindin-2

Alternative Name : Nefa, Calnuc, AI607786, Nucleobindin-2, DNA-binding protein NEFA, Nucb2.

Description

Source : Escherichia Coli. NUCB2 Mouse Recombinant fused to N-terminal His-Tag produced in E.Coli is a single, non-glycosylated polypeptide chain (amino acids 25-420) containing 417 amino acids and having a molecular mass of 49kDa. NUCB2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Nucleobindin-2 (NUCB2) 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 is localized in neuronal perikarya and dendrites of mouse brain.

Product Info

Amount :	25 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The protein solution (1mg/ml) contains 20mM Tris-HCl pH-8, 0.1M NaCl and 1mM EDTA.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MVPIDVDKTK VHNTPEVNA RIEPPDTGLY YDEYLKQVIE VLETDPHFRE KLQKADIEEI RSGRLSQELD LVSHKVRTRL DELKRQEVGR LRMLIKAKLD ALQDTGMNHH LLLKQFEHLN HQNPNTFESR DLDMLIKAAT ADLEQYDRTR HEEFKKYEMMKEHERREYLK TLSEEKRKEE ESKFEEMKRK HEDHPKVNHP GSKDQLKEVW EETDGLDPND FDPKTFKLLH DVNNDGFLDE QELEALFTRE LEKVYNPQNA EDDMIEMEEE RLRMREHVMS EIDNNKDRLV TLEEFRLATE KKEFLEPDSW ETLDQQQLFT EDELKEYESI IAIQENELKKRAEELQKQKE DLQRQHDHLE AQKQEYHQAV QHLEQKQLQK GIAPSGPAGE LKFEPTH.