

Recombinant Full Length Human NUCB1 Protein, C-Flag-tagged

Cat. No. NUCB1-2052HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NUCB1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of a small calcium-binding EF-hand protein family. The encoded protein is thought to have a key role in Golgi calcium homeostasis and Ca(2+)-regulated signal transduction events.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	53.7 kDa
AA Sequence	MPPSGPRGTLTLLPLLLLLLRAVLAVPLERGAPEKEETPATESPDTGLYYHRYLQEV IDVLETDGHFRE KLQAANAEDIKSGKLSRELDVSHHVRTKLDELKRQEVSRRLMLL KAKMDAEQDPNVQVDHLNLLKQFEH LDPQNQHTFEARDLELLIQTATRDLAQYDAA HHEEFKRYEMLKEHERRRYLESLGEEQRKEAERKLEEQQ RRRHREHPKVNVPGSQ AQLKEVWEELDGLDPNRFNPKTFFILHDINSDGVLDEQELEALFTKELEKVYDPK NE EDDMREMEEERLRMREHVMKNVDTNQDRLVTLEEFLLASTQRKEFGDTGEGWETV EMHPAYTEEEELRRF EEELAAREAELNAKAQRLSQETEALGRSQGRLEAQKRELQQ AVLHMEQRKQQQQQQGHKAPAAHPEGQL KFHPDTPDDVPVPAPAGDQKEVDTS EKKLLERLPEVEVPQHL TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

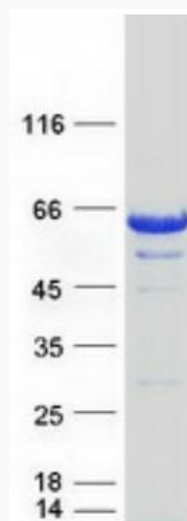
GENE INFORMATION

Gene Name	NUCB1 nucleobindin 1 [Homo sapiens (human)]
Official Symbol	NUCB1
Synonyms	NUC; CALNUC
Gene ID	4924
mRNA Refseq	NM_006184.6
Protein Refseq	NP_006175.2
MIM	601323
UniProt ID	Q02818

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Coomassie blue staining of purified NUCB1 protein.

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