Recombinant Human NUCB1, His-tagged

Cat. No. NUCB1-28431TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 274-461 of Human Nucleobindin 1, linked to a N-terminal His tag; 45kDa;
Species	Human
Source	E.coli
ProteinLength	274-461 a.a.
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.
Conjugation	HIS
Form	Lyophilised:reconstitution with 109 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	EKVYDPKNEEDDMREMEEERLRMREHVMKNVDTNQDRLVT LEEFLASTQRKEFG DTGEGWETVEMHPAYTEEELRRFE EELAAREAELNAKAQRLSQETEALGRSQGRL EAQKREL QQAVLHMEQRKQQQQQQQGHKAPAAHPEGQLKFHPDTDDV PVPAPA

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	GDQKEVDTSEKKLLERLPEVEVPQHL

GENE INFORMATION

Gene Name	NUCB1 nucleobindin 1 [Homo sapiens]
Official Symbol	NUCB1
Synonyms	NUCB1; nucleobindin 1; nucleobindin-1; Calnuc; NUC;
Gene ID	4924
mRNA Refseq	NM_006184
Protein Refseq	NP_006175
MIM	601323
Uniprot ID	Q02818
Chromosome Location	19q13.33
Function	DNA binding; calcium ion binding;

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