

Recombinant Human NUCB2, His-tagged

Cat. No. NUCB2-3689H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Total 92 AA. MW: 10.79 kDa (calculated). N-Terminal His-tag, 10 extra AA (highlighted).
Species	Human
Source	E.coli
Description	Nucleobindin-2 is a protein that in humans is encoded by the NUCB2 gene. Nucleobindin-2 is a calcium-binding EF-hand protein.
Form	Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, Ph 7.5.
Reconstitution	Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Applications	Western blotting
Quality Control Test	BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein
Sequences of amino acids	MKHHHHHHAS VPIDIDKTKV QNIHPVESAK IEPPDTGLYY DEYLKQVIDV LETDKHFREK LQKADIEEIK SGRLSKELDL VSHHVRTKLD EL
Storage	Store lyophilized protein at -20°C. Lyophilized protein remains stable until the expiry

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

date when stored at -20°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

GENE INFORMATION

Gene Name	NUCB2 nucleobindin 2 [Homo sapiens]
Official Symbol	NUCB2
Synonyms	NUCB2; nucleobindin 2; NEFA; nucleobindin-2; nucleobinding 2; OTTHUMP00000231791; OTTHUMP00000231793; OTTHUMP00000231794; DNA-binding protein NEFA; gastric cancer antigen Zg4
Gene ID	4925
mRNA Refseq	NM_005013
Protein Refseq	NP_005004
MIM	608020
UniProt ID	P80303
Chromosome Location	11p15
Function	DNA binding; calcium ion binding

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