

Recombinant Mouse Nucb1 Protein, Myc/DDK-tagged

Cat. No. Nucb1-4527M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nucleobindin 1 (Nucb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Major calcium-binding protein of the Golgi which may have a role in calcium homeostasis. Acts as a non-receptor guanine nucleotide exchange factor which binds to and activates alpha subunits of guanine nucleotide-binding proteins (G proteins).
Molecular Mass	53.9 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Nucb1 nucleobindin 1 [Mus musculus (house mouse)]
Official Symbol	Nucb1
Synonyms	NUCB1; nucleobindin 1; nucleobindin-1; Nucb; C77483; Calnuc; MTEST82; B230337F23Rik
Gene ID	18220
mRNA Refseq	NM_001163662
Protein Refseq	NP_001157134
UniProt ID	Q02819

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