

Recombinant Human NUCB2 Protein, His-tagged

Cat. No. NUCB2-288H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUCB2(Val25~Leu106) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val25~Leu106
Description	This gene encodes a protein with a suggested role in calcium level maintenance, eating regulation in the hypothalamus, and release of tumor necrosis factor from vascular endothelial cells. This protein binds calcium and has EF-folding domains.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	11.1kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	NUCB2 nucleobindin 2 [Homo sapiens]
Official Symbol	NUCB2
Synonyms	NUCB2; nucleobindin 2; nucleobindin-2; NEFA; nucleobinding 2; DNA-binding protein NEFA; gastric cancer antigen Zg4;
Gene ID	4925
mRNA Refseq	NM_005013
Protein Refseq	NP_005004
MIM	608020
UniProt ID	P80303

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