Recombinant Human Nucleobindin 2

Cat. No. NUCB2-2169H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human nucleobindin 2(aa 25-106) is produced in*E.coli*. MW= 8kDa.
Species	Human
Source	E.coli
ProteinLength	25-106 a.a.
Description	Nesfatin-1, a polypeptide produced by cleavage of the NEFA/nucleobindin-2 (NUCB2), is a secreted protein, expressed in the appetite-control hypothalamic nuclei. Nesfatin is involved in the regulation of the feeding behavior. Intracerebroventicular injection of nesfatin-1 reduces body weight in rats be affecting the animal food intake.
Concentration	0.1mg/ml after reconstitution.
Purity	≥95% (SDS-PAGE).
Formulation	Lyophilized. Contains PBS.
Endotoxin	<0.1EU/μg purified protein (LAL test; Lonza).
Reconstitution	Reconstitute with 100μsterile water. Further dilutions should be made with medium containing 5% fetal calf serum or a carrier protein.

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Storage And Stability	Stable for at least 6 months after receipt when stored at -20°C. Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.

GENE INFORMATION

Gene Name	NUCB2 nucleobindin 2 [Homo sapiens]
Synonyms	NUCB2; nucleobindin 2; NEFA; nucleobindin-2; DNA-binding protein NEFA; gastric cancer antigen Zg4
Gene ID	4925
mRNA Refseq	NM_005013
Protein Refseq	NP_005004
MIM	608020
UniProt ID	P8030
Chromosome Location	11p15.1-p14
Function	DNA binding; calcium ion binding

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