

Product Datasheet

Recombinant Human Nesfatin-1/Nucleobindin-2 Protein NBP2-35072-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-35072-100ug

Recombinant Human Nesfatin-1/Nucleobindin-2 Protein

Product Information

Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	9.6 kDa

Product Description

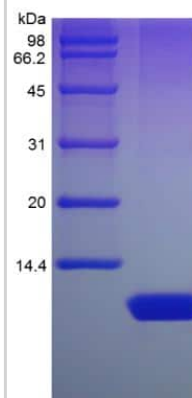
Description	<p>A single non-glycosylated polypeptide chain containing 82 amino acids corresponding to Nesfatin-1/Nucleobindin-2 Source: <i>E. coli</i></p> <p>Uniprot ID: P80303</p> <p>Amino Acid Sequence: VPIDIDKTKV QNIHPVESAK IEPDGTGLYY DEYLKQVIDV LETDKHFREK LQKADIEEIK SGRLSKELDL VSHHVRTKLD EL</p>
Gene ID	4925
Gene Symbol	NUCB2
Species	Human
Details of Functionality	Nucleobindin 2 Protein is fully biologically active when compared to standard. The biological activity is tested by in vivo assay using healthy wild type male mice (C57BL/6J).
Endotoxin Note	Less than 1 EU/ug of Nesfatin-1/Nucleobindin-2 as determined by LAL method.

Product Application Details

Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Human Nesfatin-1/Nucleobindin-2 Protein [NBP2-35072]



Publications

Mariarita Caroleo, Elvira Anna Carbone, Biagio Arcidiacono, Marta Greco, Amedeo Primerano, Maria Mirabelli, Gilda Fazia, Marianna Rania, Marta Letizia Hribal, Luca Gallelli, Daniela Patrizia Foti, Pasquale De Fazio, Cristina Segura-Garcia, Antonio Brunetti, Herbert Ryan Marini Does NUCB2/Nesfatin-1 Influence Eating Behaviors in Obese Patients with Binge Eating Disorder? Toward a Neurobiological Pathway Nutrients 2023-01-10 [PMID: 36678225]

Lahane GP, Dhar A Nesfatin-1 peptide protects rat renal epithelial cells against high glucose and H2O2 induced injury via inhibition of oxidative stress, apoptosis, and fibrosis Peptides 2023-04-25 [PMID: 37105355]

Kmiecik A, Ratajczak-Wielgomas K, Grzegorzotka J et al. Expression of NUCB2/NESF-1 in Breast Cancer Cells International journal of molecular sciences 2022-08-16 [PMID: 36012443] (WB, ICC/IF, IHC-P, Human)

Details:

IHC-P and ICC/IF dilution 1:1000

Goyal S, Dhar A Downregulation of nesfatin-1 expression in acute kidney injury in vivo in wistar rats and in vitro in cultured cells Life Sciences 2022-07-01 [PMID: 35787996]





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Products Related to NBP2-35072-100ug

NBC1-18398	Recombinant Mouse Nesfatin-1/Nucleobindin-2 His Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP1-87383	Nesfatin-1/Nucleobindin-2 Antibody
M6000B-1	IL-6 [HRP]

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