ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Nucleobindin-2 Human Recombinant

Item Number	rAP-3719
Synonyms	Nucleobindin-2, DNA-binding protein NEFA, Gastric cancer antigen Zg4, NUCB2, NEFA, Nesfatin.
Description	The Recombinant Human NUCB2 (Nesfatin) produced in E.coli has a molecular mass of 9.7kDa containing 82 amino acid residues of the human NUCB2.
Uniprot Accesion Number	P80303
Amino Acid Sequence	VPIDIDKTKV QNIHPVESAK IEPPDTGLYY DEYLKQVIDV LETDKHFREK LQKADIEEIK SGRLSKELDL VSHHVRTKLD EL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized NUCB2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NUCB2 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Formulation and Purity	The NUCB2 protein was lyophilized from a 0.2μm filtered concentrated solution in 1×PBS, pH 7.4. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized NUCB2 in sterile 18M-cm H2O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only