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DATASHEET

Recombinant human NENF protein

Product overview

Name	Recombinant human NENF protein
Cat No	HB8866
Biological description	The NENF protein is involved in various biological processes such as neural function, adipogenesis and tumorigenesis.
Species of origin	human
Alternative names	Recombinant Human Neudesin Neurotrophic Factor, Neudesin, Cell immortalization-related protein 2, Neuron-derived neurotrophic factor, Secreted protein of unknown function, SPUF protein, NENF, CIR2, SPUF, SCIRP10.
Purity	>95%
Description	Human Neudesin Neurotrophic Factor protein

Solubility & Handling

Solubility overview	To make a working stock solution, add deionized water to make a solution (0.5mg/mL) and allow the lyophilized material to dissolve. Filter the product using an appropriate sterile filter before using it in cell culture
Handling	• Solutions should be made in sterile deionized water (not less than 100 µg/ml). This solution can then be further diluted with other aqueous solutions. • Following reconstitution, solutions may be stored at 4°C and are useable for around 2-7 days and for future use store at -18°C. • Freeze-thaw cycles should be prevented.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

Chemical Data

UniProt ID	Q9UMX5
Source	E. Coli.
Appearance	White lyophilized powder (filtered & freeze-dried)
Formulation	Filtered (0.4µm) and lyophilized from a solution (0.5mg/ml) in phosphate buffer (50mM, pH 7.4) and NaCl (75mM)

References

Neudesin as a unique secreted protein with multi-functional roles in neural functions, energy metabolism, and tumorigenesis

Ohta H *et al* (2015) Front Mol Biosci 2
PubMedID 26042224

Neudesin Neurotrophic Factor Promotes Bovine Preadipocyte Differentiation and Inhibits Myoblast Myogenesis

Su X *et al* (2019) Animals (Basel) 9(12)
PubMedID 31835509