Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



# **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

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