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# **DATASHEET**

Recombinant mouse Neuropilin-1 NRP1 protein

#### **Product overview**

Name Recombinant mouse Neuropilin-1 NRP1 protein

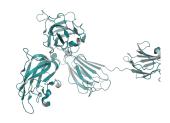
Cat No HB6576 Species of origin mouse

**Alternative names** Recombinant Mouse Neuropilin 1, Neuropilin-1, A5 protein, CD304, Nrp1, Nrp.

**Purity** >90%

Description Recombinant mouse Neuropilin-1 protein

### **Images**



## **Solubility & Handling**

#### 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.
- For long term storage, a carrier protein (0.1% HSA or BSA) should be added to stock solutions. Solutions should be aliquoted into tightly sealed vials for storage at -20 °C. Freeze-thaw cycles should be prevented.

**Shipping Conditions Important** 

Stable for ambient temperature shipping. Follow storage instructions on receipt.

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** P97333

Source Sf9, Baculovirus cells.

**Appearance** Colourless solution (sterile filtered)

**Formulation** Solution (0.25mg/ml) containing PBS (pH 7.4) and 20% glycerol

### References

Neuropilin 1: function and therapeutic potential in cancer

Chaudhary B et al (2014) Cancer Immunol Immunother 63(2)

PubMedID 24263240

### Neuropilin-1 expression in cancer and development

Jubb AM et al (2012) J Pathol 226(1)

PubMedID 22025255

Neuropilin-1 mediates vascular permeability independently of vascular endothelial growth factor receptor-2 activation

Roth L et al (2016) Sci Signal 9(425)

PubMedID 27117252