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DATASHEET

Recombinant rat Neuropilin-1 / NRP1 protein

Product overview

Name Recombinant rat Neuropilin-1 / NRP1 protein

Cat No HB8780 Species of origin rat

Alternative names Recombinant Rat Neuropilin 1, Neuropilin-1, Vascular endothelial cell growth factor 165 receptor,

CD304, Nrp1.

Purity >90%

Description Recombinant rat Neuropilin-1 protein

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 Q9QWJ9

Source Sf9, Baculovirus cells.

Appearance Colourless solution (sterile filtered)

Formulation Solution (0.25mg/ml) containing PBS (pH 7.4) and 10% 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