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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	<ul style="list-style-type: none">• 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.
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	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)

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Neuropilin-1 expression in cancer and development

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

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

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

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