

Datasheet for ABIN7607183

Neuropilin 1 Protein (NRP1) (AA 22-856) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Neuropilin 1 (NRP1)
Protein Characteristics:	AA 22-856
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Neuropilin 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse CD304/NRP1 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized recombinant Mouse CD304/NRP1 (Cat #: AMA30101) can bind recombinant human VEGF165 with an apparent KD <1 nM.

Target Details

Target:	Neuropilin 1 (NRP1)
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Target Details

Alternative Name:	NRP1 (NRP1 Products)
Background:	NRP1, Neuropilin-1, VEGF165R, NRP, CD304, Vascular endothelial cell growth factor 165 receptor
UniProt:	P97333
Pathways:	Regulation of Cell Size, Signaling Events mediated by VEGFR1 and VEGFR2, Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling, VEGFR1 Specific Signals

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months