

Active Recombinant Mouse Nrp2 Protein, Fc Chimera

Cat. No. Nrp2-956M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nrp2 (Accession # O35375), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Gln23 predicted: no results obtained, sequencing might be blocked
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Mouse Neuropilin-2 Fc Chimera at 5 µg/mL (100 µL/well) can bind Recombinant Human VEGF165 in the presence of 2 µg/mL of heparin with an apparent K _d <1nM.
Molecular Mass	Recombinant Mouse Nrp2, Fc Chimera has a calculated MW of 122 kDa (monomer). In SDS-PAGE migrates as 125-135 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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Gene Name	Nrp2 neuropilin 2 [Mus musculus]
Official Symbol	Nrp2
Synonyms	NRP2; neuropilin 2; neuropilin-2; vascular endothelial cell growth factor 165 receptor 2; Np2; Np-2; Npn2; Npn-2; 1110048P06Rik;
Gene ID	18187
mRNA Refseq	NM_001077403
Protein Refseq	NP_001070871
MIM	

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