

Active Recombinant Rat Nrp2 Protein, Fc Chimera

Cat. No. Nrp2-954R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nrp2 (Accession # O35276), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
Predicted N Terminal	No results obtained: Gln23 predicted
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Rat 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 Rat Nrp2, Fc Chimera has a calculated MW of 120 kDa (monomer). In SDS-PAGE migrates as 130-150 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Nrp2 neuropilin 2 [Rattus norvegicus]
Official Symbol	Nrp2
Synonyms	NRP2; neuropilin 2; neuropilin-2; vascular endothelial cell growth factor 165 receptor 2;
Gene ID	81527
mRNA Refseq	NM_030869
Protein Refseq	NP_110496
MIM	

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