

Active Recombinant Mouse NRP2 protein(Met1-Pro864), His-tagged

Cat. No. NRP2-508M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse NRP2 (NP_001070871.1) (Met1-Pro864) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Pro864
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind Rat Fc-VEGFC in functional ELISA.
Molecular Mass	The recombinant mouse NRP2 consists of 855 amino acids and predicts a molecular mass of 96.5 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

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