

For Research Use Only

Recombinant Mouse NGFR/TNFRSF16 protein (mFc Tag)

Catalog Number: Eg3867



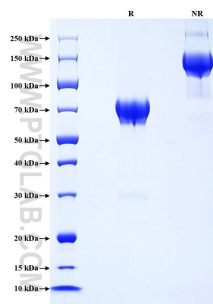
Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: mFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Mouse p75NTR protein Lys32-Asp252 (Accession# Q9Z0W1-1) with a mouse IgG Fc tag at the C-terminus. GeneID: 18053 Accession: Q9Z0W1-1 Predicted Molecular Mass: 50.1 kDa SDS-PAGE: 60-80 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	p75NTR, also named as NGFR, TNFRSF16, Gp80-LNGFR, p75 NGF Receptor and CD271, is a low affinity receptor for all known mammalian neurotrophins, such as proNGF, NGF, BDNF, NT-3 and NT-4/5. It mediates cell survival as well as cell death of neural cells.		
References	1. Bruno F, et al. (2023) Int J Mol Sci. 24(4):3200. 2. Ali NH, et al. (2024) Mol Neurobiol. 61(5):2469-2480.		
Synonyms	CD271, Low affinity neurotrophin receptor p75NTR, Low-affinity nerve growth factor receptor, Low-affinity nerve growth factor receptor p75NGFR, Low-affinity nerve growth factor receptor p75NGR		

For technical support and original validation data for this product please contact

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Selected Validation Data



Purity of Recombinant Mouse p75NTR was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.