

Product Information

MemDX™ Membrane Protein Human NGFR (Nerve growth factor receptor) Expressed in Baculovirus/Insect expression system for Antibody Discovery, Partial (29-250aa)

Cat. No.: **MPX0137K**

This product is for research use only and is not intended for diagnostic use.

This product is a 51 kDa Human NGFR membrane protein expressed in Baculovirus/Insect expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

NGFR

Protein Length

Partial (29-250aa)

Protein Class

Transporter

Molecular Weight

51 kDa

TMD

1

Sequence

KEACPTGLYTHSGECCKACNLG
EGVAQPCGANQTVCEPCLDSVTFSDVVSATEPCKPCTECVGLQSMSAPCV
EADDAVCRCAYGYQDETTGRCEACRVCEAGSGLVFSCQDKQNTVCEECP
DGTYSDEANHVDPLPCTVCEDTERQLRECTRWADAECEEIPGRWITRST
PPEGSDSTAPSTQEPEAPPEQDLIASTVAGVVTTVMGSSQPVVTRGTTDN

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

hIgG1 Fc and 6xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<1.0 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE under reducing conditions and visualized by silver stain

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

NGFR

Full Name

Nerve growth factor receptor

Introduction

Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain.

Alternative Names

NGFR; CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR; tumor necrosis factor receptor superfamily member 16; NGF receptor; TNFR superfamily, member 16; low affinity neurotrophin receptor p75NTR; low-affinity nerve growth factor receptor; p75 ICD; Nerve growth factor receptor

Gene ID

[4804](#)

UniProt ID

[P08138](#)