

Product Information

MemDX™ Antibody Discovery - Human Neuregulin-4 / NRG4 (2-62) Membrane Protein,

Partial, -His tag

Cat. No.: **MP0688F**

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

This membrane protein is Human Neuregulin-4 / NRG4 (2-62). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

Neuregulin-4 / NRG4

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 8.6 kDa. The protein migrates as 13 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Pro 2 - Phe 62 (Accession # Q8WWG1).

Product Description

Application

SDS-PAGE

Expression Systems

HEK293

Tag

His tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/µg by the LAL method

Purity

>90% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target

Target Protein

Neuregulin-4 / NRG4

Full Name

neuregulin 4

Introduction

The neuregulins, including NRG4, activate type-1 growth factor receptors (see EGFR; MIM 131550) to initiating cell-to-cell signaling through tyrosine phosphorylation

Alternative Names

HRG4; pro-neuregulin-4, membrane-bound isoform; heregulin 4; pro-NRG4

Gene ID

[145957](#)

UniProt ID

[Q8WWG1](#)