

Product Information

MemDX™ Membrane Protein Human SORT1 (Sortilin 1) Full Length

Cat. No.: **MPC1026K**

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

This product is a 92 kDa Human SORT1 membrane protein expressed in HEK293. 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

SORT1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

92 kDa

TMD

1

Sequence

MERPWGAADGLSRWPHGLGLLLLLQLLPPSTLSQDRLDAPPPPAAPLPRW
SGPIGVSWGLRAAAAGGAFPRGGRWRRSAPGEDEECGRVRDFVAKLANNT
HGHVFDLRLGSLVSWVGDSTGVILVLTTFHVPLVIMTFGQSKLYRSEDY
GKNFKDITDLINNTFIRTEFGMAIGPENSGKVVLTAEVSGGSRGGRIFRS
SDFAKNFVQTDLPFHPLTQMMYSPQNSDYLLALSTENGLWWSKNFGGKWE
EIHKAVCLAKWGSNDTIFFTTYANGSCKADLGALELWRTSDLGKSFKTIG
VKIYSFGLGGRFLFASVMADKDTTRRIHVSTDQGDWWSMAQLPSVGQEQF
YSILAANDDMVFMHVDEPGDTGFGTIFTSDDRGIVYSKSLDRHLYTTTGG
ETDFTNVTSLRGVYITSVLSEDNSIQTMITFDQGGRWTHLRKPENSECDA
TAKNKNECSLHIHASYISQKLNVPMAPLSEPNVAVGIVIAHGSVGDASV
MVPDVYISDDGGYSWTKMLEGPHYTYTILDSGGIIVAIHSSRPINVIKFS
TDEGQCWQTYTFTRDPIYFTGLASEPGARSMNISIWGFTEFSLTSQWVS
TIDFKDILERNCEEKDYTIWLAHSTDPEYEDGCILGYKEQFLRLRKSSV
CQNGRDYVVTQPSICLCSLEDFLCDFGYRPPENDSKCQEPELKGHDLE
FCLYGREEHLTTNGYRKIPGDKCQGGVNPVREVKDLKKKCTSNFLSPEKQ
NSKSNVPIILAIVGLMLVTVVAGVLIVKKYVCGGRFLVHRYSVLQQHAE
ANGVDGVDALDTASHTNKSgyHDDSDLEDLLE

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

SORT1

Full Name

Sortilin 1

Introduction

This gene encodes a member of the VPS10-related sortilin family of proteins. The encoded preproprotein is proteolytically processed by furin to generate the mature receptor. This receptor plays a role in the trafficking of different proteins to either the cell surface, or subcellular compartments such as lysosomes and endosomes. Expression levels of this gene may influence the risk of myocardial infarction in human patients. Alternative splicing results in multiple transcript variants.

Alternative Names

SORT1; NT3; Gp95; NTR3; LDLCQ6; sortilin; 100 kDa NT receptor; glycoprotein 95; neurotensin receptor 3; Sortilin 1

Gene ID

[6272](#)

UniProt ID

[Q99523](#)