

Product Information

MemDX™ Membrane Protein Human MACO1 (Macoilin 1)

Cat. No.: **MP0044J**

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

This product is a 76 kDa Human MACO1 membrane protein expressed in HEK293T. 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

MACO1

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

76 kDa

TMD

4

Sequence

MKRRNADCSKLRRPLKRNRITEGIYGSTFLYLKFLVWVWALVLLADFLVLEFRFEYLWPFWLFIRSVYDSFR
YQGLAFSVFFVCVAFTSNIICLLFIPIQWLFFAASYVWVQYVWHTERGVCCLPTVSLWILFVYIEAAIRF
KDLKNFHVLDLCPFAAHCIGYPVVTLGFGFKSYVSYKMRLRKQKEVQKENEFYMQLLQQALPPEQQMLQK
QEKEAEEAAKGLPDMDSILIHNGGIPANKKLSTTLPEIEYREKGKEKDKDAKKHNLGINNNILQPVD
SKIQEIEYMENHINSKRLNNDLVGSTENLLKEDSCTASSKNYKNASGVVNSSPRSHSATNGSIPSSSSKN
EKKQKCTSKSPSTHKDLMENCIPNNQLSKPDALVRLEQDIKKLKADLQASRQVEQELRSQISSLSSTERG
IRSEMGQLRQENELLQNKLNHNAVQMKQKDKQNISQLEKKLKAQEARSFVEKQLMEEKKRKKLEEATAAR
AVAFAAASRGECTETLRNRIRELEAEGKKLTMDMKVKEDQIRELELKVQELRKYKENEKDETVLMSALSA
MQDKTQHLENSLSAETRIKLDLFSALGDAKRQLEIAQQGQILQKDQEIKDLKQKIAEVMAMVPSITYSAAT
SPLSPVSPHYSSKFVETSPSGLDPNASVYQPLKK

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

MACO1

Full Name

Macoilin 1

Introduction

Plays a role in the regulation of neuronal activity.

Alternative Names

TMEM57; MACOILIN

Gene ID

[55219](#)

UniProt ID

[Q8N5G2](#)