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Product Information

MemDX™ Membrane Protein Human TM4SF20 (Transmembrane 4 L six family member 20)

Cat. No.: **MP0121J**
This product is for research use only and is not intended for diagnostic use.

This product is a 24.9 kDa Human TM4SF20 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
TM4SF20

Protein Length
Full-length

Protein Class
Transmembrane

Molecular Weight
24.9 kDa

TMD
4

Sequence
MTCCEGWTSCNGFSLLVLLLLGVVLNVIPLIVSLVEEDQFSQNPISCFEWWFPGIIGAGLMAIPATTMSL
TARKRACCNNRTGMFLSSFFSVITVIGALYCMLISIQALLKGPLMCNSPSNSNANCEFSLKNISDIHPES
FNLQWFFNDSCAPPTGFNKPTSNDTMASGWRASSFHFDSEENKHRLIHFSVFLGLLLVGILEVLFGLSQI
VIGFLGCLCGVSKRRSQIV

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

TM4SF20

Full Name

Transmembrane 4 L six family member 20

Introduction

The protein encoded by this gene is a member of the four-transmembrane L6 superfamily. Members of this family function in various cellular processes including cell proliferation, motility, and adhesion via their interactions with integrins. In human brain tissue, this gene is expressed at high levels in the parietal lobe, occipital lobe, hippocampus, pons, white matter, corpus callosum, and cerebellum. Knockout of the homologous gene in mouse results in a neurobehavioral phenotype with suggested enhanced motor coordination. A deletion mutation in the human gene is associated with specific language impairment-5.

Alternative Names

SLI5; PRO994; TCCE518

Gene ID

79853

UniProt ID

Q53R12

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