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Product Information

MemDX™ Membrane Protein Human TMEM158 (Transmembrane protein 158) Full Length

Cat. No.: **MPC1610K**
This product is for research use only and is not intended for diagnostic use.

This product is a 30.4 kDa Human TMEM158 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
TMEM158

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
30.4 kDa

TMD
2

Sequence
MLPLLAALLAAACPLPPVRGGAADAPGLLGVPSNASVNASSADEPIAPRL
LASAAPGPPERPGPEEAAAAAAPCNISVQRQMLSSLLVRWGRPRGFQCDL
LLFSTNAHGRAFFAAAFHRVGPPLLIEHLGLAAGGAQQDLRLCVGCGWVR
GRRTGRLRPAAAPSAAAATAGAPTALPAYPAAEPPGPLWLQGEPLHFCCL
DFSLEELQGEPGWRLNRKPIESTLVACFMTLVIVVWSVAALIWPVPIIAG
FLPNGMEQRRTTASTTAATPAAVPAGTTAAAAAAAAAAAAAAVTSGVATK

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

TMEM158

Full Name

Transmembrane protein 158

Introduction

Constitutive activation of the Ras pathway triggers an irreversible proliferation arrest reminiscent of replicative senescence. Transcription of this gene is upregulated in response to activation of the Ras pathway, but not under other conditions that induce senescence. The encoded protein is similar to a rat cell surface receptor proposed to function in a neuronal survival pathway. An allelic polymorphism in this gene results in both functional and non-functional (frameshifted) alleles; the reference genome represents the functional allele.

Alternative Names

TMEM158; BBP; RIS1; p40BBP; 40 kDa BINP-binding protein; BINP receptor; Ras induced senescence 1; brain injury-derived neurotrophic peptide (BINP) binding protein; brain specific binding protein; Transmembrane protein 158

Gene ID

25907

UniProt ID

Q8WZ71

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