

Product Information

MemDX™ Membrane Protein Human MYRF (Myelin regulatory factor) Full Length

Cat. No.: **MPC4166K**

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

This product is a made-to-order Human MYRF 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

MYRF

Protein Length

Full length

Protein Class

Protease

TMD

1

Sequence

MEVVDETEALQRFFEGHDINGALEPSNIDTSILEEYISKEDASDLCFDI
SAPASSASYSHGQPAMPGSSGVHHLSPPGGGPSPGRHGPLPPPGYGTPLN
CNNNNGMGAAPKPFPGGTGPPIKAEPKAPYAPGTLDPSPDSGSEAYSPQ
QVNEPHLLRTITPETLCHVGVP SRLEHPPPPPAHLPGPPPPPPPPHYPV
LQRDLYMKAEPPIPHYAAMGQGLVPTDLHHTQQSQMLHQLLQQHGAELPT
HPSKKRKHSESPSTLNAQMLNGMIKQEPGTVTALPLHPTRAPSPPWPPQ
GPLSPGPGSLPLSIARVQTPPWHPGAPSPGLLQDSDSLSGSYLDPNYQS
IKWQPHQQNKWATLYDANYKELPMLTYRVDADKGFNFVGDDAFVCQKKN
HFQVTVYIGMLGEPKYVKTPEGLKPLDCFYCLKHGVKLEALNQSINIEQS
QSDRSKRPFNPVTNLPPEQVTKVTVGRLHFSETTANNMRKKGKPNPDQR
YFMLVVALQAHQNNQNYTLAAQISERIIVRASNPGQFESDSDVLWQRAQV
PDTV FHHGRVGINTDRPDEALVVHGNVKVMGSLMHPSDLRAKEHVQEVD
TEQLKRISRMRLVHYRYKPEFAASAGIEATAPETGVIAQEVKEILPEAVK
DTGDMVFANGKTIENTLVNKERIFMENVGAVKELCKLTDNLETRIDELE
RWSHLAKLRRRLDSLKSTGSSGAFSHAGSQFSRAGSVPHKKRPPKVASKS
SSVVPDQACISQRFLQGTIALLVVMAFSVSMSTLYVLSLRTEEDLVDT
DGSFAVSTSCLLALLRPQPPGGSEALCPWSSQSFGTTQLRQSPLTTGLPG
IQPSLLLVTSLTSSAPGSAVRTLDMCSSHPCPVICCSPTTNPPTGPSL
GPSFNPGHVLSPSPSPSTNRSGPSQMALLPVTNIRAKSWGLSVNGIGHSK
HHKSLEPLASPAVPFPGGQKAKNSPSLGFHGRARRGALQSSVGPAEPTW
AQQQSASLLAEPVPSLTSIQVLENSMSITSQYCAPGDACRPGNFYHIPV
SSGTPHLHSLTLQMNSSSPVSVLCSLRSKEEPCEEGLPQSLHTHQDTQ
GTSHRWPITILSFREFTYHFRVALLGQANCSSSEALAQPATDYHFHFYRLC
D

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

MYRF

Full Name

Myelin regulatory factor

Introduction

This gene encodes a transcription factor that is required for central nervous system myelination and may regulate oligodendrocyte differentiation. It is thought to act by increasing the expression of genes that effect myelin production but may also directly promote myelin gene expression. Loss of a similar gene in mouse models results in severe demyelination. Alternative splicing results in multiple transcript variants.

Alternative Names

MYRF; MRF; CUGS; MMERV; Ndt80; 11orf9; pqn-47; C11orf9; myelin gene regulatory factor; Myelin regulatory factor

Gene ID

[745](#)

UniProt ID

[Q9Y2G1](#)