

Proteoliposomes

Full-Length

MRVI1 (Human) Recombinant Protein

Catalog # H00010335-G01

Size 10 ug

Specification

Product Description

Human MRVI1 full-length ORF (ADR83074.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MALNSPQPGPVESELGKQLKTGWEGSPLPRSPTQDAAGVGPPASQGRGPAGEPMGPEAGSK
AELPPTVSRPPLLRLGLSWDSGPEEPGPRLQKVLAKLPLAEEEEKRFAGKAGGKLAKAPGLKDFQI
QQQPVRMQKLTKLREEHILMRNQNLVGLKLPDLSEAAEQEKGLPSELSPAIEEEESKSGLDVMP
NISDVLLRKLVRHSLPGSAPPLTEKEVENVFVQLSLAFRNDSTLESRLNQAERERNLTEENTEK
ELENFKASITSSASLWHHCEHRETYQKLLIEDIAVLHRLAARLSSRAEVVGAVRQEKRMASKATEVM
MQYVENLKRTYEKDHAELMEFKLANQNSSRSCGSEDGVPRTARMSLTGKNMPRRRVSA
VVPKFNALNLPQGTPSSSSIPSLPALSESPNGKGSPLVTSALPALLENGKTNGDPDCEASAPALT
LSCLEELSQETKARMEEEAYSKGFQEGKKTKELQDLKEEEEEQKSESPEEPEEVEETEEEEK
GPRSSKLEELVHFLQVMYPKLCQHWQVWMMAAVMLVLTVVLGLYNSCAEQADGPLGRST
CSAAQRDSWWSSGLQHEQPTEQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.7

Interspecies Antigen Sequence

Mouse (85); Rat (84)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — MRV1

Entrez GeneID [10335](#)

GeneBank Accession# [HQ258320.1](#)

Protein Accession# [ADR83074.1](#)

Gene Name MRV1

Gene Alias IRAG, JAW1L

Gene Description murine retrovirus integration site 1 homolog

Omim ID [604673](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene is similar to a putative mouse tumor suppressor gene (Mrvi1) that is frequently disrupted by mouse AIDS-related virus (MRV). The encoded protein, which is found in the membrane of the endoplasmic reticulum, is similar to Jaw1, a lymphoid-restricted protein whose expression is downregulated during lymphoid differentiation. Studies in mouse suggest that MRV integration at Mrvi1 induces myeloid leukemia by altering the expression of a gene important for myeloid cell growth and/or differentiation, and thus this gene may function as a myeloid leukemia tumor suppressor gene. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene, few of which initiate translation at a non-AUG (CUG) start site. [provided by RefSeq]

Other Designations

IP3R-associated cGMP kinase substrate|JAW1-related protein|inositol 1,4,5-triphosphate-associated cGMP kinase substrate

Pathway

- [Vascular smooth muscle contraction](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Neoplasm Invasiveness](#)

- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)