

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	MALNSPQPGPVESELGKQLLKTGWEGSPLPRSPTQDAAGVGPPASQGRGPAGEPMGPEAGSK AELPPTVSRPPLLRGLSWDSGPEEPGPRLQKVLAKLPLAEEEKRFAGKAGGKLAKAPGLKDFQI QVQPVRMQKLTKLREEHILMRNQNLVGLKLPDLSEAAEQEKGLPSELSPAIEEEESKSGLDVMP NISDVLLRKLRVHRSLPGSAPPLTEKEVENVFVQLSLAFRNDSYTLESRINQAERERNLTEENTEK ELENFKASITSSASLWHHCEHRETYQKLLEDIAVLHRLAARLSSRAEVVGAVRQEKRMSKATEVM MQYVENLKRTYEKDHAELMEFKKLANQNSSRSCGPSEDGVPRTARSMSLTLGKNMPRRRVSVA VVPKFNALNLPGQTPSSSSIPSLPALSESPNGKGSLPVTSALPALLENGKTNGDPDCEASAPALT LSCLEELSQETKARMEEEAYSKGFQEGLKKTKELQDLKEEEEEQKSESPEEPEEVEETEEEEK GPRSSKLEELVHFLQVMYPKLCQHWQVIWMMAAVMLVLTVVLGLYNSYNSCAEQADGPLGRST 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

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• Antibody Production

Gene Info — MRVI1	
Entrez GenelD	<u>10335</u>
GeneBank Accession#	HQ258320.1
Protein Accession#	ADR83074.1
Gene Name	MRVI1
Gene Alias	IRAG, JAW1L
Gene Description	murine retrovirus integration site 1 homolog
Omim ID	<u>604673</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene is similar to a putative mouse tumor suppressor gene (Mrvi1) that is frequently disrupte d by mouse AIDS-related virus (MRV). The encoded protein, which is found in the membrane of th e endoplasmic reticulum, is similar to Jaw1, a lymphoid-restricted protein whose expression is do wnregulated during lymphoid differentiation. Studies in mouse suggest that MRV integration at Mr vi1 induces myeloid leukemia by altering the expression of a gene important for myeloid cell growt h 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 foun d for this gene, few of which initiate translation at a non-AUG (CUG) start site. [provided by RefSe q
Other Designations	IP3R-associated cGMP kinase substrate JAW1-related protein inositol 1,4,5-triphosphate-associ ated cGMP kinase substrate

Pathway

<u>Vascular smooth muscle contraction</u>

Disease

- Genetic Predisposition to Disease
- <u>Neoplasm Invasiveness</u>

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Product Information

- Prostatic Neoplasms
- Tobacco Use Disorder