

Recombinant Human MIA2 Protein, GST-tagged

Cat. No. MIA2-2050H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Human CTAGE5 full-length ORF (ADR82743.1, 1 a.a. - 809 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| Description | This gene encodes s receptor in the endoplasmic reticulum, which plays a role in the export of large pre-chylomicrons and pre-very low density lipoproteins (pre-VLDLs). Three major classes of transcripts are generated from this gene- melanoma inhibitory activity 2-specific transcripts, cTAGE family member 5-specific transcripts and transcripts that include exons from both these transcript species (TANGO1-like or TALI). Additionally, alternative splicing in these transcripts results in multiple transcript variants encoding multiple isoforms. [provided by RefSeq, Sep 2016] |
| Molecular Mass | 89 kDa |
| AA Sequence | MEEPGATPQPDLGLLLEELRRVVAALPEGMRPDSNLYGFPWELVICA AVVGGFFAVLF FLWRSFRS VRSRLYVGREKKLALMLSG LIEEKSKLLEKFSLVQKEYEGYEVESLKD ASFEKEATEAQSLEVENQMATCEKLNRSNSELEDEILCLEKELKEEKSKHSEQDELM ADISKRIQSLEDESKSLKSQVAEAKMTFKIFQMNEERLNIAIKDALNENSQ LQESQKQ LLQEA EVWKEQVSELNKQKVT FEDSKVHAEQVLNDKESH IKT LTERLLKMKDWAAM LGEDITDDDNLELMNSESENGAYLDNPPKGALKKLIHAAKLNASLKTLEGERNQIYI QLSEVDKTKHEELTEHIKNLQTEQASLQSENT HFENENQKLQK LKVMTELYQENEM |

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KLHRKLTVEENYRLEKEEKLSKVDEKISHATEELETYRKRAKDLEEEELERTIHSYQQQ
 IISHEKKAHDNWLAARNAERNLNDLRKENAHRQKLTETELKFELLEKDPYALDVPN
 TAFGREHSPYGPSPLGWPSSETRAFLSPPTLLEGPLRLSPLLPGGGGRGSRGPGN
 PLDHQITNERGESSCDRLTDPHRAPSDTGSLSPWDQDRRMMFPPPGQSYPSAL
 PPQRQDRFCSNSGRLSGPAELRSFNMPSLDKMDGSMPEMESSRNDTKDDLGNL
 NVPDSSLPAENEATGPGFVPPPLAPVRGPLFPVDARGPFLRRGPPFPPPPGAMFG
 ASRDYFPPGDFPGPPPAPFAMRNVYPPRGFPPYLPPRPGFFPPPPHSEGRSEFPS
 GLIPPSNEPATEHPEPQQET

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

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

Storage

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

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

MIA2 melanoma inhibitory activity 2 [Homo sapiens (human)]

Official Symbol

MIA2

Synonyms

MIA2; melanoma inhibitory activity 2; CTAGE5; CTAGE family, member 5; meningioma expressed antigen 6 (coiled coil proline rich) , MGEA, MGEA6; cutaneous T-cell lymphoma-associated antigen 5; cTAGE 5A; cTAGE 5B; cTAGE 5C; cTAGE 5D; MEA6; MGEA11; protein cTAGE-5; meningioma-expressed antigen 6/11; meningioma expressed antigen 6 (coiled-coil proline-rich); MGEA; MGEA6;

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|----------------|--------------|
| Gene ID | 4253 |
| mRNA Refseq | NM_001247988 |
| Protein Refseq | NP_001234917 |
| MIM | 602132 |
| UniProt ID | O15320 |

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