

Recombinant Human MIA2 Protein, GST-tagged

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

SPECIFICATION

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	MEEPGATPQPDLGLLLEELRRVVAALPEGMRPDSNLYGFPWELVICAADVVGFFAVLF FLWRSFRSVRSRLYVGREKKLALMLSGLIEEKSLLLEKFSLVQKEYEGYEVESLKD ASFEKEATEAQSLVENQMATCEKLNRSNSELEDEILCLEKELKEEKSXHSEQDELM ADISKRIQSLEDESKSLKSQVAEAKMTFKIFQMNEERLNIKDALNENSQLQESQKQ LLQEAENVWKEQVSELNKQKVTTFEDSKVHAEQVLNDKESHKTLTERLLKMKDWAAM LGEDITDDDNLELMNSESENGAYLDNPPKGALKKLIHAAKLNASLKTLEGERNQIYI QLSEVDKTKHEELTEHIKNLQTEQASLQSENTHFENENQKLQKQKLKVMTELYQENEM

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KLHRKLTVEENYRLEKEEKLSKVDEKISHATEELETYRKRAKDLEEEELERTIHSYQGQ
IISHEKKAHDNWLAARNAERNLNDLRKENAHNRQKLTETELKFELLEKDPYALDVPN
TAFGREHSPYGPSPLGWPSSETRAFLSPPTLLEGPLRLSPLLPGGGGRGSRGPGN
PLDHQITNERGESSCDRLTDPHRAPSDTGSLSPWDQDRRMMFPPPGQSYPDAL
PPQRQDRFCSNSGRLSGPAELRSFNMPSLDKMDGSMPSSESSRNDTKDDLGNL
NVPDSSLPAENEATGPGFVPPPLAPVRGPLFPVDARGPFLRRGPPFPPPPPGAMFG
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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