

Recombinant Full Length Human MIA2 Protein, GST-tagged

Cat. No. MIA2-2264HF 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	In Vitro Cell Free System
ProteinLength	809 amino acids
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	MEEPGATPQPDLGLLLLEELRRVVAALPEGMRPDSNLYGFPWELVICAADVGGFFAVLF FLWRSFRSRSRLYVGREKKLALMLSGLIEEKSKLLEKFSLVQKEYEGYEVESLKD ASFEKEATEAQSLEVENQMATCEKLNRSNSELEDEILCLEKELKEEKSKHSEQDELM ADISKRIQSLEDESKSLKSQVAEAKMTFKIFQMNEERLNIKDALNENSQLQESQKQ LLQEAQVWKEQVSELNKQKVTTFEDSKVHAEQVLNDKESHIKTLTERLLKMKDWAAM LGEDITDDDNLELEMNSESENGAYLDNPPKGALKKLIHAAKLNASLKTLEGERNQIYI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QLSEVDKTKEELTEHIKNLQTEQASLQSENTHFENENQKLQKQKLKVMTELYQENEM
 KLHRKLTVEENYRLEKEEKLSKVDEKISHATEELETYRKRAKDLEEEELERTIHSYQGGQ
 IISHEKKAHDNWLAARNAERNLNDLRKENAHRQKLTETELKFELLEKDPYALDVPN
 TAFGREHSPYGPSPLGWPSSETRAFLSPPTLLEGPLRLSPLLPGGGGGRGSRGPGN
 PLDHQITNERGESSCDRLTDPHRAPSDTGSLSPWDQDRRMMFPPPGQSYPSAL
 PPQRQDRFCSNSGRLSGPAELRSFNMPSLDKMDGSMPSSEMESSRNDTKDDLGNL
 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;

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meningioma expressed antigen 6 (coiled-coil proline-rich); MGEA; MGEA6

Gene ID 4253

mRNA Refseq NM_001247988

Protein Refseq NP_001234917

MIM 602132

UniProt ID O15320

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