

Recombinant Human MTUS1 Protein, GST-tagged

Cat. No. MTUS1-5741H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human MTUS1 full-length ORF (AAH33842, 1 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein which contains a C-terminal domain able to interact with the angiotension II (AT2) receptor and a large coiled-coil region allowing dimerization. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the transcript variants has been shown to encode a mitochondrial protein that acts as a tumor suppressor and participates in AT2 signaling pathways. Other variants may encode nuclear or transmembrane proteins but it has not been determined whether they also participate in AT2 signaling pathways. [provided by RefSeq]
Molecular Mass	52.14 kDa
AA Sequence	<p> MQLQE QFDNLNAAHETSKLEIEASHSEKLELLTKAYEASLSEIKKGHEIEKKSLEDLLS EKQESLEKQINDLKSENDALNEKLNKSEEQKRRAREKANLNKPNQIMYLEQELESKAV LEIKNEKLHQQDIKLMKMGKLVNNTALVDKLRKFQQENEELKARMDKHMAISRQLS TEQAVLQESLEKESKVNKRLSMENEELLWKLHNGDLCSPKRSPTSSAIPLQSPRNS GSFPSPSISPR </p>
Applications	Enzyme-linked Immunoabsorbent Assay

 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

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	MTUS1 microtubule associated tumor suppressor 1 [Homo sapiens]
Official Symbol	MTUS1
Synonyms	MTUS1; microtubule associated tumor suppressor 1; mitochondrial tumor suppressor 1; microtubule-associated tumor suppressor 1; AT2 receptor interacting protein; AT2R binding protein; ATBP; ATIP1; DKFZp586D1519; FLJ14295; KIAA1288; mitochondrial tumor suppressor gene 1; MP44; MTSG1; transcription factor MTSG1; AT2 receptor-binding protein; AT2 receptor-interacting protein; erythroid differentiation-related; angiotensin-II type 2 receptor-interacting protein; ATIP; DKFZp686F20243;
Gene ID	57509
mRNA Refseq	NM_001001924
Protein Refseq	NP_001001924
MIM	609589

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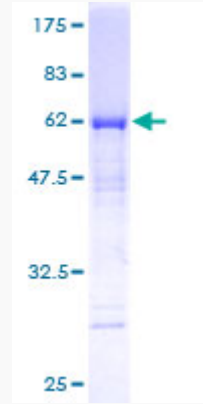
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UniProt ID

Q9ULD2

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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