

# Recombinant Full Length Human MTUS1 Protein, GST-tagged

Cat. No. MTUS1-6567HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MTUS1 full-length ORF ( AAH33842, 1 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	240 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	52.14 kDa
<b>AA Sequence</b>	MQLQE QFDNLNAAHETSKLEIEASHSEKLELLTKAYEASLSEIKKGHEIEKKSLEDLLS EKQESLEKQINDLKSENDALNEKLNKSEEQKRRAREKANLNKPNQIMYLEQELESKAV LEIKNEKLHQDDIKLMKMGKLVDDNTALVDKLRFFQENEELKARMDKHMAISRQLS TEQAVLQESLEKESKVNKRLSMENEELLWKLHNGDLCSPKRSPTSSAIPLOSPRNS GSFPSPSISPR

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	MTUS1 microtubule associated tumor suppressor 1 [ Homo sapiens ]
<b>Official Symbol</b>	MTUS1
<b>Synonyms</b>	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;
<b>Gene ID</b>	57509
<b>mRNA Refseq</b>	NM_001001924
<b>Protein Refseq</b>	NP_001001924
<b>MIM</b>	609589

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UniProt ID

Q9ULD2

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