

Recombinant Full Length Human MTUS1 Protein, GST-tagged

Cat. No. MTUS1-6567HF **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	In Vitro Cell Free System
ProteinLength	240 amino acids
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	MQLQE QFDNLNAAHETSKLEIEASHSEKLELLTKAYEASLSEIKKGHEIEKKSLEDLLS EKQESLEKQINDLKSENDALNEKCLKSEEQKRRAREKANLKNPQIMYLEQELES LKAV LEIKNEKLHQQDIKLMKMGKLV DNN TALVDKLR FQQENEELKARMDKHMAISRQLS TEQAVLQESLEKESKVNKRLSMENEELLWKLHNGDLCSPKRSPTSSAIP LQSPRNS GSFPSPSISPR

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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	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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UniProt ID

Q9ULD2

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