Tumor Suppressor Candidate Gene 1 Protein (TUSC1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tumor suppressor candidate gene 1 protein (TUSC1), Recombinant Protein
Full Product Name	Recombinant Human Tumor suppressor candidate gene 1 protein (TUSC1)
Product Gene Name	TUSC1 recombinant protein
Product Synonym Gene Name	TUSC1
Sequence	MGPMWRMRGG ATRRGSCCGG DGAADGRGPG RSGRARGGGS PSGGGGGVGW RGRADGARQQ LEERFADLAA SHLEAIRARD EWDRQNARLR QENARLRLEN RRLKRENRSL FRQALRLPGE GGNGTPAEAR RVPEEASTNR RARDSGREDE PGSPRALRAR LEKLEAMYRR ALLQLHLEQR GPRPSGDKEE QPLQEPDSGL RSRDSEPSGP WL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	23,390 Da
Sequence Positions	1-212, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	610529
3D Structure	ModBase 3D Structure for Q2TAM9
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TUSC1 recombinant protein	This gene is located within the region of chromosome 9p that harbors tumor suppressor genes critical in carcinogenesis. It is an intronless gene which is downregulated in non-small-cell lung cancer and small-cell lung cancer cell lines, suggesting that it may play a role in lung tumorigenesis.
Other Notes	Small volumes of TUSC1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TUSC1 purchase	MBS1314715 is a recombinant protein targeting TUSC1. Also known as Recombinant Human Tumor suppressor candidate gene 1 protein (TUSC1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TUSC1. It may not necessarily be applicable to this product.

NCBI GI #	51944974
NCBI GeneID	286319

NCBI Accession #	NP_001004125.1
UniProt Primary Accession #	Q2TAM9
UniProt Secondary Accession #	Q67GI3; Q86SS1; Q8TAH8; A0PJ78
UniProt Related Accession #	Q2TAM9
GenBank Nucleotide #	NM_001004125.2
NCBI Official Full Name	tumor suppressor candidate gene 1 protein
NCBI Official Synonym Full Names	tumor suppressor candidate 1
NCBI Official Symbol	TUSC1
NCBI Official Synonym Symbols	TSG9; TSG-9; CCDC89B
UniProt Protein Name	Tumor suppressor candidate gene 1 protein
UniProt Synonym Protein Names	TSG-9; TSG9
Protein Family	Tumor suppressor candidate gene 1 protein
UniProt Gene Name	TUSC1
UniProt Synonym Gene Names	TSG9
NCBI Protein Information	tumor suppressor candidate gene 1 protein
Research Articles on TUSC1	**1.** The expression of TUSC1 is significantly decreased in glioblastoma brain tumor tissues.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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