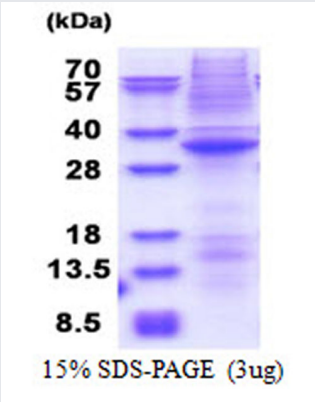
STK17A Recombinant Protein

PRODUCT OVERVIEW

Product Name	STK17A, Recombinant Protein
Full Product Name	STK17A, 64- 321aa, Human, His tag, E Coli (Denatured)
Product Gene Name	STK17A recombinant protein
Product Synonym Names	serine/threonine kinase 17A; DRAK1; DAP kinase-related apoptosis-inducing protein kinase 1; Serine threonine-protein kinase 17A
Sequence	MGSSHHHHHH SSGLVPRGSH MGSGRELGRG KFAVVRKCIK KDSGKEFAAK FMRKRRKGQD CRMEIIHEIA VLELAQDNPW VINLHEVYET ASEMILVLEY AAGGEIFDQC VADREEAFKE KDVQRLMRQI LEGVHFLHTR DVVHLDLKPQ NILLTSESPL GDIKIVDFGL SRILKNSEEL REIMGTPEYV APEILSYDPI SMATDMWSIG VLTYVMLTGI SPFLGNDKQE TFLNISQMNL SYSEEEFDVL SESAVDFIRT LLVKKPEDRA TAEECLKHPW L
Host	E Coli
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol, 0.4M urea
Purity/Purification	> 80% by SDS-PAGE
Concentration	0.5 mg/ml (determined by Bradford assay) (lot specific)
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.
Molecular Weight	31.9kDa (281aa)
OMIM	AB011420 mRNA
3D Structure	ModBase 3D Structure for Q9UEE5
Antigen Species	Human
Tag Information	His-tag
Product Categories/Family for STK17A recombinant protein	Signal Transduction
Applications Tested/Suitable for STK17A recombinant protein	SDS-PAGE
Application Notes for STK17A recombinant protein	This protein is denatured. Denatured protein is most likely not the best option for functional studies. Denatured protein is better suited for Western Blot (WB) or imaging assays. Applications are user determined.
Related Product Information for STK17A recombinant protein	STK17A is a member of the DAP kinase-related apoptosis-inducing protein kinase family and encodes an autophosphorylated nuclear protein with a protein kinase domain. The protein has apoptosis-inducing activity. Recombinant human STK17A protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product References and Citations for STK17A recombinant protein	Sanjo H., et al (1998). J. Biol. Chem. 273:29066-29071; Mao P., et al (2011). J. Biol. Chem. 286:19381-19391;
Other Notes	Small volumes of STK17A 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 STK17A purchase	MBS205763 is a recombinant protein targeting STK17A. Also known as STK17A, 64- 321aa, Human, His tag, E Coli (Denatured). Host: E Coli.



SDS-Page of STK17A recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STK17A. It may not necessarily be applicable to this product.

NCBI GI #	109255245
NCBI GeneID	9263
NCBI Accession #	NP_004751
UniProt Primary Accession #	Q9UEE5
UniProt Secondary Accession #	Q8IVC8; A4D1V6
UniProt Related Accession #	Q9UEE5
GenBank Nucleotide #	NM_004760.2
NCBI Official Full Name	serine/threonine-protein kinase 17A
NCBI Official Synonym Full Names	serine/threonine kinase 17a
NCBI Official Symbol	STK17A
NCBI Official Synonym Symbols	DRAK1
UniProt Protein Name	Serine/threonine-protein kinase 17A
UniProt Synonym Protein Names	DAP kinase-related apoptosis-inducing protein kinase 1
Protein Family	Serine/threonine-protein kinase
UniProt Gene Name	STK17A
UniProt Synonym Gene Names	DRAK1
NCBI Protein Information	serine/threonine-protein kinase 17A
NCBI Summary for STK17A	This gene is a member of the DAP kinase-related apoptosis-inducing protein kinase family and encodes an autophosphorylated nuclear protein with a protein kinase domain. The protein has apoptosis-inducing activity. [provided by RefSeq, Jul 2008]
UniProt Comments for STK17A	Acts as a positive regulator of apoptosis. Also acts as a regulator of cellular reactive oxygen species.
Research Articles on STK17A	**1.** the present study was the first to find localization of STK17A in normal bile canaliculi.
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