Spermatogenesis- and Oogenesis-Specific Basic Helix-Loop-Helix-Containing Protein 1 (SOHLH1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1 (SOHLH1), Recombinant Protein
Full Product Name	Recombinant Human Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1 (SOHLH1)
Product Gene Name	SOHLH1 recombinant protein
Product Synonym Gene Name	SOHLH1
Sequence	MASRCSEPYP EVSRIPTVRG CNGSLSGALS CCEDSARGSG PPKAPTVAEG PSSCLRRNVI SERERRKRMS LSCERLRALL PQFDGRREDM ASVLEMSVQF LRLASALGPS QEQHAILASS KEMWHSLQED VLQLTLSSQI QAGVPDPGTG ASSGTRTPDV KAFLESPWSL DPASASPEPV PHILASSRQW DPASCTSLGT DKCEALLGLC QVRGGLPPFS EPSSLVPWPP GRSLPKAVRP PLSWPPFSQQ QTLPVMSGEA LGWLGQAGPL AMGAAPLGEP AKEDPMLAQE AGSALGSDVD DGTSFLLTAG PSSWPGEWGP GFRAGPPA
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	40,662 Da
Sequence Positions	1-328, 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	610224
3D Structure	ModBase 3D Structure for Q5JUK2
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SOHLH1 recombinant protein	MBS1473681 is a recombinant protein targeting SOHLH1. Also known as Recombinant Human Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1 (SOHLH1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SOHLH1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SOHLH1. It may not necessarily be applicable to this product.

NCBI GI #	156119601

NCBI GeneID	402381
NCBI Accession #	NP_001012415.2
UniProt Primary Accession #	Q5JUK2
UniProt Secondary Accession #	Q5EE14; Q5EGC2; Q8NEE3; C9JG81
UniProt Related Accession #	Q5JUK2
GenBank Nucleotide #	NM_001012415.2
NCBI Official Full Name	spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1 isoform b
NCBI Official Synonym Full Names	spermatogenesis and oogenesis specific basic helix-loop-helix 1
NCBI Official Symbol	SOHLH1
NCBI Official Synonym Symbols	ODG5; TEB2; NOHLH; SPATA27; bHLHe80; C9orf157; bA100C15.3
UniProt Protein Name	Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1
Protein Family	Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein
UniProt Gene Name	SOHLH1
UniProt Synonym Gene Names	C9orf157; NOHLH; TEB2
NCBI Protein Information	spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1
NCBI Summary for SOHLH1	This gene encodes one of testis-specific transcription factors which are essential for spermatogenesis, oogenesis and folliculogenesis. This gene is located on chromosome 9. Mutations in this gene are associated with nonobstructive azoospermia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2013]
UniProt Comments for SOHLH1	Transcription factor expressed in undifferentiated spermatogonia required for spermatogonial development.
Research Articles on SOHLH1	**1.** the expression of Sohlh genes in human 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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