

Recombinant Human Sjogren syndrome/scleroderma autoantigen 1, His-tagged

Cat. No. SSSCA1-313H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SSSCA1, 1-199aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-199 a.a.
Description	SSSCA1 is recognized by a subset of anti-centromere antibodies from patients with scleroderma and/or Sjogren"s syndrome. Subcellular localization has not yet been established. Recombinant human SSSCA1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	23.9kDa (222aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMALNGAE VDDFSWEPPT EAETKVLQAR RERQDRISRL MGDYLLRGYR MLGETCADCG TILLQDKQRK IYCVACQELD SDVDKDNPAL NAQAALSQAR EHQLASASEL PLGSRPAPQP PVP RPHECEG AAAGLKAAQG PPAPAVPPNT DVMACTQTAL LQKLTWASAE LGSSTSLETS IQLCGLIRAC AEALRSLQQL QH
Purity	>90% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	SSSCA1 Sjogren syndrome/scleroderma autoantigen 1 [Homo sapiens]
Official Symbol	SSSCA1
Synonyms	SSSCA1; Sjogren syndrome/scleroderma autoantigen 1; Sjogrens syndrome/scleroderma autoantigen 1; Sjoegren syndrome/scleroderma autoantigen 1; p27; autoantigen p27; centromeric autoantigen (27kD);
Gene ID	10534
mRNA Refseq	NM_006396
Protein Refseq	NP_006387
MIM	606044
UniProt ID	O60232
Chromosome Location	11q13.1
Function	identical protein binding;