
Product Data Sheet

Product Name: SSSCA1 Human
 Cat. No.: GP24707
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Sjogren Syndrome/Scleroderma Autoantigen 1; Sjogren'SSyndrome/Scleroderma Autoantigen 1; Autoantigen P27; Centromeric Autoantigen(27kD); p27; Sjogren Syndrome/Scleroderma Autoantigen 1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMALNGAE VDDFSWEPPT EAETKVLQAR RERQDRISRL MGDYLLRGYRMLGETCADCG TILLQDKQRK IYCVACQELD SDVDKDNPAL NAQAALSQAR EHQLASASEL PLGSRPAPQPPVPRPEHCEG AAAGLKAAQG PPAPAVPPNT DVMACTQTAL LQKLTWASAE LGSSTSLETS IQLCGLIRAC AEALRSLQQL QH		
Formulation	SSSCA1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.		

Introduction

Sjogren's syndrome/scleroderma autoantigen 1, SSSCA1 is involved in mitosis. SSSCA1 is a centromere-associated protein which can induce anti-centromere antibodies. In addition SSSCA1 is recognized by a subset of anti-centromere antibodies from patients with scleroderma and Sjogren's syndrome.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Background

SSSCA1 Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 222 amino acids (1-199aa) and having a molecular mass of

Caution: Product has not been fully validated for medical applications. For research use only.

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23.9kDa. SSSCA1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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