9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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SSX1 Human

Synovial Sarcoma, X Breakpoint 1 Human Recombinant
RCP2251

Product Overview

Name	SSX1 Human
Description	
Synovial Sarcoma, X Breakpoint 1 Human Recombinant	
Accession (Primary)	Q16384
Synonyms	
Synovial Sarcoma X Breakpoint 1, Cancer/Testis Antigen 5.1, CT5.1, SSRC Sarcoma Synovial X-Chromosome-Related 1, Cancer/Testis Antigen Family 5 Member 1, Cancer/Testis Antigen Family 5, Protein SSX1, Member 1, SSX1.	
Introduction	
Synovial Sarcoma, X Breakpoint 1 (SSX1) is a member of a family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. SSX proteins are localized to the nucleus and expressed in testis and some types of cancers and, hence, they are classified as C/T (cancer/testis) antigens. These proteins may serve as transcriptional repressors. SSX1 genes are involved in the t (X;18) translocation typically found in all synovial sarcomas. This translocation leads to the fusion of the synovial sarcoma translocation gene on chromosome 18 to one of the SSX genes on chromosome X. These hybrid proteins are most likely responsible for transforming activity.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
SSX1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
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). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MNGDDTF AKRPRDDAKA SEKRSKAFDD IATYFSKKEW KKMKYSEKIS	

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YVYMKRNYKA MTKLGFKVTL PPFMCNKQAT DFQGNDFDND HNRRIQVEHP QMTFGRLHRI IPKIMPKKPA EDENDSKGVS EASGPQNDGK QLHPPGKANI SEKINKRSGP KRGKHAWTHR LRERKQLVIY EEISDPEEDD E.

Precautions

SSX1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q16384)