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## Product Data Sheet

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Product Name: SSX2 Human  
 Cat. No.: GP24709  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cancer/testis antigen family 5; member 2b; CT5.2b; Protein SSX2; Cancer/testis antigen 5.2; Synovial sarcoma; X breakpoint 2; CT5.2; Tumor antigen HOM-MEL-40; SSX2; SSX2A; SSX2B.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH RSMNGDDAFA RRPTVGAQIP EKIQKAFDDI AKYFSKEEWE KMKASEKIFY VYMKRKYEAM TKLGFKATLP PFMCNKRAED FQGNDLDNDP NRGNQVERPQ MTFGRLQGIS PKIMPKKPAE EGNDSEEVPE ASGPQNDGKE LCPPGKPTTS EKIHRSRGPK RGEHAWTHRL RERKQLVIYE EISDPEEDDE.		
Formulation	SSX2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.		

### Introduction

Synovial Sarcoma, X Breakpoint 2 (SSX2) is a part of the family of highly homologous synovial sarcoma X breakpoint proteins which play a role as transcriptional repressors. Homologous synovial sarcoma X breakpoint proteins are also able to bring out spontaneous humoral and cellular immune responses in cancer patients, and are effective targets in cancer vaccine-based immunotherapy.

### 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.

### Background

SSX2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

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

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chain containing 210 amino acids (1-188a.a) and having a molecular mass of 24.0kDa. SSX2 is fused to a 22 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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