

# **Product datasheet for AR50809PU-S**

### OriGene Technologies, Inc.

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## SSX1 (1-188, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** SSX1 (1-188, His-tag) human recombinant protein, 50 μg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMNGDDTF AKRPRDDAKA SEKRSKAFDD IATYFSKKEW KKMKYSEKIS YVYMKRNYKA MTKLGFKVTL PPFMCNKQAT DFQGNDFDND HNRRIQVEHP QMTFGRLHRI IPKIMPKKPA EDENDSKGVS EASGPQNDGK QLHPPGKANI SEKINKRSGP

KRGKHAWTHR LRERKQLVIY EEISDPEEDD E

Tag: His-tag
Predicted MW: 24.3 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human SSX1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** NP 001265620

 Locus ID:
 6756

 UniProt ID:
 Q16384

 Cytogenetics:
 Xp11.23

 Synonyms:
 CT5.1; SSRC





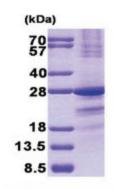
Summary:

The product of this gene belongs to the family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. These proteins may function as transcriptional repressors. They are also capable of eliciting spontaneous humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. This gene, and also the SSX2 and SSX4 family members, have been involved in t(X;18)(p11.2;q11.2) translocations that are characteristically found in all synovial sarcomas. This translocation results in the fusion of the synovial sarcoma translocation gene on chromosome 18 to one of the SSX genes on chromosome X. The encoded hybrid proteins are likely responsible for transforming activity. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome X. [provided by RefSeq, Jul 2013]

**Protein Families:** 

**Transcription Factors** 

#### **Product images:**



15% SDS-PAGE (3ug)