

Recombinant Full Length Human SSX1 Protein, C-Flag-tagged

Cat. No. SSX1-2040HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SSX1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21.8 kDa
AA Sequence	MNGDDTFAKRPRDDAKASEKRSKAFDDIATYFSKKEWKMKYSEKISYVYMKRNYK AMTKLGFKVTLPPF MCNKQATDFQGNDNDHNRRIQVEHPQMTFGRRLHRIIPKIM

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PKKPAEDENDSKGVSEASGPQNDGKQLH PPGKANISEKINKRSGPKRGKHAWTHR
LRERKQLVIYEEISDPEEDDE TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	SSX1 SSX family member 1 [Homo sapiens (human)]
Official Symbol	SSX1
Synonyms	SSRC; CT5.1
Gene ID	6756
mRNA Refseq	NM_005635.4

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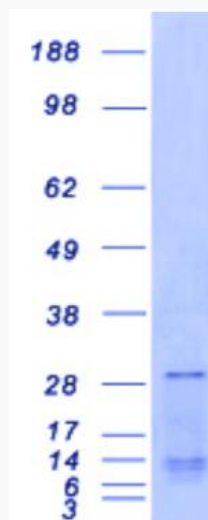
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Protein Refseq NP_005626.1

MIM 312820

UniProt ID Q16384



Coomassie blue staining of purified SSX1 protein.

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