

Recombinant Full Length Human SSX1 Protein

Cat. No. SSX1-499HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SSX1 with N terminal proprietary tag; predicted MWt 46.5 kDa inclusive of tag; Q16384,
Species	Human
Source	In Vitro Cell Free System
ProteinLength	188 amino acids
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 spontaneously humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. SSX1, SSX2 and SSX4 genes have been involved in the t(X;18) translocation 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 probably responsible for transforming activity.
Form	Liquid
Molecular Mass	46.750kDa inclusive of tags
AA Sequence	MNGDDTFAKRPRDDAKASEKRSKAFDDIATYFSKKEWKKM KYSEKISYVYMKARNY KAMTKLGFKVTLPPFMCNKQATDFQ GNDFDNDHNRRIQVEHPQMTFGRLHRIIPKI

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	MPKKPAEDE NDSKGVSEASGPQNDGKQLHPPGKANISEKINKRSGPKRG KHAWT HRLRERKQLVIYEEISDPEEDDE
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	SSX1 synovial sarcoma, X breakpoint 1 [Homo sapiens]
Official Symbol	SSX1
Synonyms	SSX1; synovial sarcoma, X breakpoint 1; protein SSX1; cancer/testis antigen family 5; member 1; CT5.1
Gene ID	6756
mRNA Refseq	NM_005635
Protein Refseq	NP_005626
MIM	312820
UniProt ID	Q16384

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