Recombinant Full Length Human SSX2 Protein

Cat. No. SSX2-503HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SSX2 isoform 2 with N terminal proprietary tag; Predicted MW 50.64 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	223 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. Two transcript variants encoding distinct isoforms have been identified for this gene.
Form	Liquid
Molecular Mass	50.640kDa inclusive of tags
AA Sequence	MNGDDAFARRPTVGAQIPEKIQKAFDDIAKYFSKEEWEKM KASEKIFYVYMKRKYE

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	AMTKLGFKATLPPFMCNKRAEDFQ GNDLDNDPNRGNQVERPQMTFGRLQGISPKI MPKKPAEEG NDSEEVPEASGPQNDGKELCPPGKPTTSEKIHERSGNREA QEKEE RRGTAHRWSSQNTHNIGRFSLSTSMGAVHGTPKTI THNRDPKGGNMPGPTDCVR ENSW
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	SSX2 synovial sarcoma, X breakpoint 2 [Homo sapiens]
Official Symbol	SSX2
Synonyms	SSX2; synovial sarcoma, X breakpoint 2; SSX; protein SSX2; cancer/testis antigen family 5; member 2a; CT5.2a; HD21; HOM MEL 40; MGC3884; MGC15364; MGC119055; sarcoma; synovial; X chromosome related 2; synovial sarcoma; X breakpoint 2; isoform b; X breakpo
Gene ID	6757
mRNA Refseq	NM_003147
Protein Refseq	NP_003138
MIM	300192

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UniProt ID	Q16385

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