

Recombinant Human SSX2, His-tagged

Cat. No. SSX2-234H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SSX2, 1-188aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-188aa
Description	SSX2 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. The encoded hybrid proteins are likely responsible for transforming activity. Alternative splicing of this gene results in multiple transcript variants. Recombinant human SSX2, fused to His-tag at N-terminus, was expressed in E.coli .
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	24.0 kDa (210aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH RSMNGDDAFA RRPTVGAQIP EKIQKAFDDI AKYFSKEEWE KMKASEKIFY VYMKRKYEAM TKLGFKATLP PFMCKNKAED FQGNDLDNDP NRGNQVERPQ MTFGRLQGIS PKIMPKKPAE EGNDSEEVPE ASGPQNDGKE LCPPGKPTTS EKIHERSGPK RGEHAWTHRL RERKQLVIYE EISDPEEDDE

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Purity	>85 % by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

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 breakpoint 2B; CT5.2; tumor antigen HOM-MEL-40; cancer/testis antigen 5.2; synovial sarcoma, X breakpoint 2B; cancer/testis antigen family 5, member 2a; sarcoma, synovial, X-chromosome-related 2; synovial sarcoma, X breakpoint 2, isoform b; SSX2B; HOM-MEL-40;
Gene ID	6757
mRNA Refseq	NM_003147
Protein Refseq	NP_003138
MIM	300192
UniProt ID	Q16385

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Chromosome Location	Xp11.22
Pathway	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;