

Recombinant Full Length Human SSX4 Protein, C-Flag-tagged

Cat. No. SSX4-1341HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SSX4 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 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. Chromosome Xp11 contains a segmental duplication resulting in two identical copies of synovial sarcoma, X breakpoint 4, SSX4 and SSX4B, in tail-to-tail orientation. This gene, SSX4, represents the more telomeric copy. Two transcript variants encoding distinct isoforms have been identified for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21.7 kDa
AA Sequence	MNGDDAFARRPRDDAQISEKLRKAFDDIAKYFSKKEWEKMKSSSEKIVYVYMKLNYE

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VMTKLGFKVTLPPF MRSKRAADFHGNDFGNDRNHRNQVERPQMTFGSLQRIFPKI
 MPKKPAEEEENGLKEVPEASGPQNDGKQLC
 PPGNPSTLEKINKTSGPKRGKHAWTHRLRERKQLVVYEEISDPPEEDETRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

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

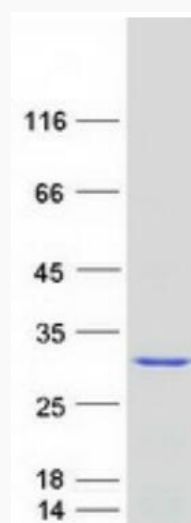
Gene Name	SSX4 SSX family member 4 [Homo sapiens (human)]
Official Symbol	SSX4
Synonyms	CT5.4
Gene ID	6759

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mRNA Refseq	NM_005636.4
Protein Refseq	NP_005627.1
MIM	300326
UniProt ID	O60224



Coomassie blue staining of purified SSX4 protein.