Recombinant Full Length Human SSX2 Protein, C-Flag-tagged

Cat. No. SSX2-2022HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SSX2 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 SSX1 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. This gene also has an identical duplicate, GeneID: 727837, located about 45 kb downstream in the opposite orientation on chromosome X.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	25 kDa
AA Sequence	MNGDDAFARRPTVGAQIPEKIQKAFDDIAKYFSKEEWEKMKASEKIFYVYMKRKYEA

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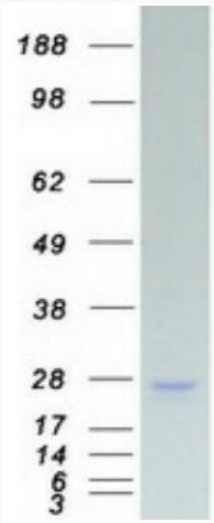
	MTKLGFKATLPPF MCNKRAEDFQGNDLDNDPNRGNQVERPQMTFGRLQGISPKIM PKKPAEEGNDSEEVPEASGPQNDGKELC PPGKPTTSEKIHERSGNREAQEKEERR GTAHRWSSQNTHNIGRFSLSTSMGAVHGTPKTITHNRDPKGGN MPGPTDCVRENS W TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months 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	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	SSX2 SSX family member 2 [Homo sapiens (human)]
Official Symbol	SSX2
Synonyms	SSX; HD21; CT5.2; CT5.2A; HOM-MEL-40
Gene ID	6757

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mRNA Refseq	NM_003147.6
Protein Refseq	NP_003138.3
MIM	300192
UniProt ID	Q16385



Coomassie blue staining of purified SSX2 protein.

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