

## Recombinant Human SSX2 protein, GST-tagged

**Cat. No.** SSX2-301344H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SSX2 (1-157 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Met1-Asn157                                                                                                                                                                                                                            |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| <b>AA Sequence</b>      | MNGDDAFARRPTVGAQIQKAFDDIAKYFSKEEWEKMKASEKIFYVYMKRKYEA<br>MTKLGFKATLPPFMCNKRAEDFQGNDLDNDPNRGNQVERPQMTFGRLQGISP<br>PKKPAEEGNDSEEVPEASGPQNDGKELCPPGKPTTSEKIHESGN                                                                          |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                               |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.                                                                                                                                                                     |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.   |

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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SSX2 synovial sarcoma, X breakpoint 2 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | SSX2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 6757                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>     | NM_003147                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_003138                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MIM</b>             | 300192                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID</b>      | Q16385                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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