

Product information



SSX2, 1-188aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2727

Full name: Synovial sarcoma, X breakpoint 2B

NCBI Accession No.: NP_001157889

Synonyms: Cancer/testis antigen family 5, member 2b, CT5.2b

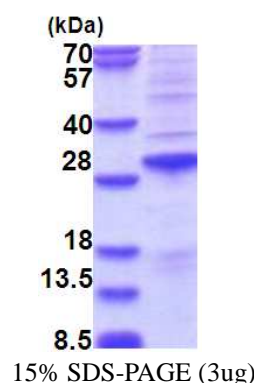
Description: SSX2 belongs to the family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. These proteins may function as transcriptional repressors. They are also capable of eliciting spontaneous humoral and cellular immune responses in cancer patients, and are potentially useful targets 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 Weight: 24.0 kDa (210 aa)

Purity: > 85 % by SDS - PAGE

Concentration: 0.25 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH RSMNGDDAFA RRPTVGAQIP EKIQKAFDDI AKYFSKEEWE KMKASEKIFY VYMKRKYEAM TKLGFKATLP
PFMCNKRAED FQGNDLNDP NRGNQVERPQ MTFGRLQGIS PKIMPKKPAE EGNDSEEVPE ASGPQNDGKE LCPPGKPTTS EKIHRSRGPK
RGEHAWTHRL RERKQLVIYE EISDPEEDDE

General references:

Neumann F, *et al.* (2013) *Cancer Immunol Immunother*, PMID 23619976.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax.: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com