

SSX2, 1-188aa, Human, His tag, E.coli

Cat.NO.: TP04043

3th Edition

Synonyms:Synovial sarcoma, X breakpoint 2B, 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)

Sequences:

MGSSHHHHHSSGLVPRGSHRSMNGDDAFARRPTVGAQIPEKIQKAFDDIAKYFSKEEWEKMKASEKIFYVYMKR
KYEAMTKLGFKATLPPFMCNKRAEDFQGNDLDNDPNRGNQVERPQMTFGRLQGISP KIMPKKPAEEGNDSEEV
EASGPQNDGKELCPPGKPTTSEKIHRSRSGPKRGEHAWTHRLRERKQLVIYEEISDPEEDDE

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.