

Recombinant human SSX2 protein

Catalog Number: ATGP2727

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-188aa

UniProt No.

Q16385

NCBI Accession No.

NP_001157889

Alternative Names

Synovial sarcoma X breakpoint 2B, Synovial sarcoma, X breakpoint 2B, Cancer/testis antigen family 5, member 2b, CT5.2b

PRODUCT SPECIFICATION

Molecular Weight

24.0 kDa (210aa)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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,

Recombinant human SSX2 protein

Catalog Number: ATGP2727

was expressed in E. coli.

Amino acid Sequence

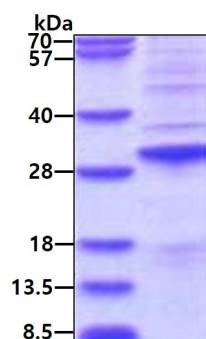
<MGSSHHHHHH SSGLVPRGSH RS>MNGDDAFA RRPTVGAQIP EKIQKAFDDI AKYFSKEEWE KMKASEKIFY
VYMKRKYEAM TKLGFKATLP PFMCNKRAED FQGNDLDNDP NRGNQVERPQ MTFGRLQGIS PKIMPKKPAE EGNDSSEVPE
ASGPQNDGKE LCPPGKPTTS EKIHERSGPK RGEHAWTHRL RERKQLVIYE EISDPEEDDE

General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain