abcam

Product datasheet

Recombinant Human SSX2 protein (denatured) ab181904

1 Image

Description

Product name Recombinant Human SSX2 protein (denatured)

Purity > 85 % SDS-PAGE.

Expression system Escherichia coli

Accession <u>NP_001157889</u>

Protein length Full length protein

Animal free No

Nature Recombinant

Species Human

Sequence MGSSHHHHHH SSGLVPRGSH RSMNGDDAFA

RRPTVGAQIP EKIQKAFDDI AKYFSKEEWE KMKASEKIFY

VYMKRKYEAM TKLGFKATLP PFMCNKRAED FQGNDLDNDP NRGNQVERPQ MTFGRLQGIS PKIMPKKPAE EGNDSEEVPE ASGPQNDGKE LCPPGKPTTS EKIHERSGPK RGEHAWTHRL

RERKQLVIYE EISDPEEDDE

Predicted molecular weight 22 kDa

Amino acids 1 to 188

Tags His tag N-Terminus

Description Recombinant Human SSX2 protein

Specifications

Our Abpromise guarantee covers the use of ab181904 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

1

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCI, 10% Glycerol (glycerin, glycerine), 2.4% Urea

General Info

Function Could act as a modulator of transcription.

Tissue specificity Expressed at high level in the testis. Expressed at low level in thyroid. Not detected in tonsil,

colon, lung, spleen, prostate, kidney, striated and smooth muscles. Detected in

rhabdomyosarcoma and fibrosarcoma cell lines. Not detected in mesenchymal and epithelial cell

lines.

Involvement in diseaseNote=A chromosomal aberration involving SSX2 may be a cause of synovial sarcoma.

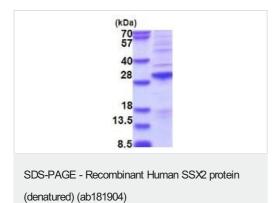
Translocation t(X;18)(p11.2;q11.2). The translocation is specifically found in more than 80% of synovial sarcoma. The fusion products SSXT-SSX1 or SSXT-SSX2 are probably responsible for transforming activity. Heterogeneity in the position of the breakpoint can occur (low frequency).

Sequence similarities Belongs to the SSX family.

Contains 1 KRAB-related domain.

Cellular localization Nucleus.

Images



15% SDS-PAGE analysis of 3ug ab181904 stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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