

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 PFMCKRAED 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

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 HCl, 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 disease

Note=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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