

## Product datasheet for **TP302208M**

### SSX5 (NM\_021015) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human synovial sarcoma, X breakpoint 5 (SSX5), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202208 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNGDDAFVRRPRVGSQIPQKMQKHPWRQVCDRGIHLVNLSPFWKVGREPASSIKALLCGRGEARAFDDIA  
KYFSEKEWEKMKASEKIIYVYMKRKYEAMTKLGFKATLPPFMRNKRVDQFQGNDFDNDPNRGNQVEHPQM  
TFGRLQGIFPKITPEKPAEEGNDSKGVPEASGPQNNKGQLRPSGKLNTSEKVNKTSKPKRGKHAWTHRVR  
ERKQLVIYEEISDPQEDDE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	26.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_066295</a>
Locus ID:	6758



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UniProt ID: [Q60225](#)

RefSeq Size: 1399

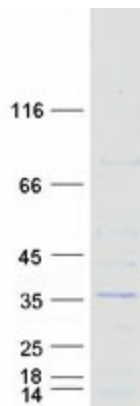
Cytogenetics: Xp11.23

RefSeq ORF: 687

**Summary:** The product of this gene 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. While some of the related SSX genes are involved in t(X;18)(p11.2;q11.2) translocations that are characteristically found in all synovial sarcomas, this gene does not appear to be involved in such translocations. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2013]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified SSX5 protein (Cat# [TP302208]). The protein was produced from HEK293T cells transfected with SSX5 cDNA clone (Cat# [RC202208]) using MegaTran 2.0 (Cat# [TT210002]).