

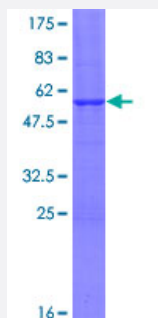
Full-Length

## SSX3 (Human) Recombinant Protein (P01)

Catalog # H00010214-P01

Size 25 ug, 10 ug

### Applications



### Specification

Product Description	Human SSX3 full-length ORF ( NP_066294.1, 1 a.a. - 188 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNGDDTFARRPTVGAQIPEKIQKAFDDIAKYFSKEEWEKMKVSEKIVVYMKRKYEAMTKLGFKAI LPSFMRNKRVTDFQGNDFDNDPNRGNQVQRPQMTFGRLQGIFPKIMPKKPAEEGNVSKEVPEA SGPQNDGKQLCPPGKPTTSEKINMISGPKRGEHAWTHRLRERKQLVIYEEISDPEEDDE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.1
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — SSX3

Entrez GeneID [10214](#)

GeneBank Accession# [NM\\_021014.2](#)

Protein Accession# [NP\\_066294.1](#)

Gene Name SSX3

Gene Alias MGC119054, MGC14495

Gene Description synovial sarcoma, X breakpoint 3

Omim ID [300325](#)

Gene Ontology [Hyperlink](#)

**Gene 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 spontaneously humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. SSX1, SSX2 and SSX4 genes have been involved in the t(X;18) translocation characteristically found in all synovial sarcomas. This gene appears not to be involved in this type of chromosome translocation. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

**Other Designations** OTTHUMP00000023246|OTTHUMP00000023247|synovial sarcoma, X breakpoint 3, isoform a

## Publication Reference

- [Expression and Immunotherapeutic Targeting of the SSX Family of Cancer-Testis Antigens in Prostate Cancer.](#)

Smith HA, Cronk RJ, Lang JM, McNeel DG.

Cancer Research 2011 Nov; 71(21):6785.

Application: IHC-P, WB-Re, Human, Human testis tissues