

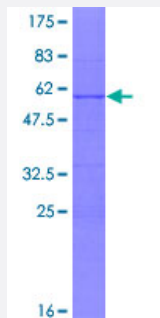
Full-Length

SSX1 (Human) Recombinant Protein (P01)

Catalog # H00006756-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SSX1 full-length ORF (NP_005626.1, 1 a.a. - 188 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNGDDTFAKRPRDDAKASEKRSKAFDDIATYFSKKEWKKMKYSEKISVYMKRNYKAMTKLGFK VTLPFFMCNKQATDFQGNDFDNDHNRRIQVEHPQMTFGRHLHRIIPKIMPKKPAEDENDSKGVSEA SGPQNDGKQLHPPGKANISEKINKRSGPKRGKHAWTHRLRERKQLVIYEEISDPEEDDE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.3
Preparation Method	in vitro wheat germ expression system
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 — SSX1

Entrez GeneID [6756](#)

GeneBank Accession# [NM_005635.2](#)

Protein Accession# [NP_005626.1](#)

Gene Name SSX1

Gene Alias MGC150425, MGC5162, SSRC

Gene Description synovial sarcoma, X breakpoint 1

Omim ID [312820](#)

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 translocation results in the fusion of the synovial sarcoma translocation gene on chromosome 18 to one of the SSX genes on chromosome X. The encoded hybrid proteins are probably responsible for transforming activity. [provided by RefSeq]

Other Designations OTTHUMP00000023245[sarcoma, synovial, X-chromosome-related 1]

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

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)