

## Product datasheet for TP307132

### SYVN1 (NM\_032431) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human synovial apoptosis inhibitor 1, synoviolin (SYVN1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207132 representing NM_032431 Red=Cloning site Green=Tags(s)

MFRTAVMMAASLALTGAWAHAYYLLKHQFYPTVWYLTKSSPSMAVLYIQAFVLVFLGKVMGKVFFGQLR  
AAEMHLLERSWYAVTETCLAFTVFRDDFSRPFVALFTLLLFLKCFHWLAEDRVDFMERSPNISWLFHCR  
IVSLMFLGILDFLVSHAYHSILTRGASVQLVFGFEYAILMTMVLTIKIKYVLSVDLQSENPWDNKAV  
YMLYTELFTGFIKVLVLYMAFMTIMIKVHTFPLFAIRPMYLAMRQFKKAVTDAIMSRRRAIRNMNTLYPDAT  
PEELQAMDNVCIICREEMVTGAKRLPCNHIFHTSCLRSWFQRQQTCTCRMDVLRASLPAQSPPPPEPAD  
QGPPAPHPPLLPQPPNFPQGLLPPFPFPGMFPLWPPMGFPFPPVPPPPSSGEAVAPPSTSAALSRSRPSGA  
ATTTAAGTSATAASATASGPGSGSAPEAGPAGFPFPPWGMPLPPPFAPFPPMPVPPAGFAGLTPPEELR  
ALEGHERQHLEARLQSLRNIHTLLDAAMLQINQYLTVLASLGPPRPATSVNSTEETATTVAAAASSTSIPI  
SSEATTPTPGASPPAPEMERPPAPESVGTTEMPEDGEPDAAELRRRRLQKLESPVAH

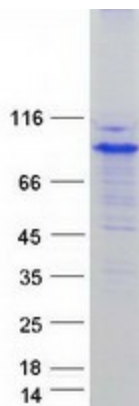
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	67.4 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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_115807</u>
<b>Locus ID:</b>	84447
<b>UniProt ID:</b>	<u>Q86TM6</u>
<b>RefSeq Size:</b>	3071
<b>Cytogenetics:</b>	11q13.1
<b>RefSeq ORF:</b>	1851
<b>Synonyms:</b>	DER3; HRD1
<b>Summary:</b>	This gene encodes a protein involved in endoplasmic reticulum (ER)-associated degradation. The encoded protein removes unfolded proteins, accumulated during ER stress, by retrograde transport to the cytosol from the ER. This protein also uses the ubiquitin-proteasome system for additional degradation of unfolded proteins. Sequence analysis identified two transcript variants that encode different isoforms. [provided by RefSeq, May 2011]
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Ubiquitin mediated proteolysis

**Product images:**

Coomassie blue staining of purified SYVN1 protein (Cat# TP307132). The protein was produced from HEK293T cells transfected with SYVN1 cDNA clone (Cat# [RC207132]) using MegaTran 2.0 (Cat# [TT210002]).