

## Product datasheet for PH307132

### SYVN1 (NM\_032431) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SYVN1 MS Standard C13 and N15-labeled recombinant protein (NP_115807)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207132
Predicted MW:	67.4 kDa
Protein Sequence:	>RC207132 representing NM_032431 Red=Cloning site Green=Tags(s)

MFRTAVMMAASLALTGAVVAHAYLKHQFYPTVVYLTKSSPSMAVLYIQAFVLVFLLGKVMGKVFFGQLR  
AAEMHELLERSWYAVTETCLAFTVFRDDFSRPFVALFTLLLFLKCFHWLAEDRVDFMERSPNISWLFHCR  
IVSLMFLLGILDFLVSHAYHSILTRGASVQLVGFYAILMTMVLTIKIKYVLHSVDLQSENPDNDKAV  
YMLYTELFTGFIKVLVYMAFMTIMIKVHTFPLFAIRPMYLAMRQFKKAVTDAIMSRRAIRNMNTLYPDAT  
PEELQAMDNVCIIICREEMVTGAKRLPCNHIHFTSCLRSWFQRQQTCTCRMDVLRASLPAQSPPPPEPAD  
QGPPAPHPPLLPQPPNFPQGLLPPFPFGMFLWPPMGPFPVPPVPPSSGEAVAPPSTSAALSRPSGA  
ATTTAAGTSATAASATASGPGSGSAPEAGPAGFPFPFPWGMPLPPPFAPFMPVPPAGFAGLTPEELR  
ALEGHERQHLEARLQSLRNIHTLLDAAMLQINQYLTVLASLGPPRPATSVNSTEETATTVVAAASSTSIP  
SSEATTPGASPPAPEMERPPAPESVGTTEEMPEDGEPAEELRRRRLQKLESPVAH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_115807</a>
RefSeq Size:	3071
RefSeq ORF:	1851



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**Synonyms:** DER3; HRD1

**Locus ID:** 84447

**UniProt ID:** [Q86TM6](#)

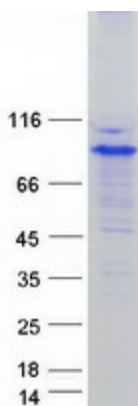
**Cytogenetics:** 11q13.1

**Summary:** 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]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** 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]).