

Recombinant Human SYVN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SYVN1-5477H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SYVN1 MS Standard C13 and N15-labeled recombinant protein (NP_115807) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	67.4 kDa
AA Sequence	MFRTAVMMAASLALTGAVVAHAYYLKHQFYPTVVYLTKSSPSMAVLYIQAFVLVFL GKVMGKVFFGQLRAAEMEHLERSWYAVTETCLAFTVFRDDFSPRFVALFTLLFLK CFHWLAEDRVDFMERSPNISWLFHCRIVSLMFLLGILDFLVSHAYHSILTRGASVQL VFGFEYAILMTMVLTIKIVLHSDVLDQSENPWDNKAVYMLYTELFTGFIKVLLYMAF MTIMIKVHTFPLFAIRPMYLAMRQFKKAVTDAIMSRRAIRNMNTLYPDATPEELQAMD NVCIICREEMVTGAKRLPCNHIFHTSCLRSWFQRQQTCTCRMDVLRASLPAQSPP PPEPADQGPPAPHPPLLPQPPNFPQGLLPFPFPGMFPLWPPMGPFPPVPPPPS SGEAVAPPSTSAAALSRPSGAATTTAAGTSATAASATASGPGSGSAPEAGPAGFP

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FPPPWMGMPLPPPFAPPPMPVPPAGFAGLTPEELRALEGHERQHLEARLQSLRNIH
 TLLDAAMLQINQYLTVLASLGPPRPATSVNSTEETATTVVAAASSTSIPSSEATTPTP
 GASPPAPEMERPPAPESVGTEEMPEDGEPDAAELRRRRLQKLESPVAHTRTRPLE
 QKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SYVN1 synoviolin 1 [Homo sapiens (human)]

Official Symbol SYVN1

Synonyms SYVN1; synovial apoptosis inhibitor 1, synoviolin; E3 ubiquitin-protein ligase synoviolin; HRD1; KIAA1810; MGC40372;

Gene ID 84447

mRNA Refseq NM_032431

Protein Refseq NP_115807

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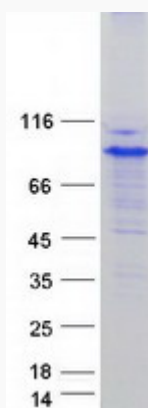
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MIM 608046

UniProt ID Q86TM6

SDS-PAGE



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