

Active Recombinant Human SYVN1, His & SUMO-tagged

Cat. No. SYVN1-109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RFFL, fused with His6-SUMO, was expressed in E.coli. This construct is a Hrd1 N-terminal deletion containing residues 236-617 consisting of the complete C-terminal cytoplasmic portion. The N-terminal transmembrane spanning portion has been deleted. This Hrd1 N-terminal deletion mutant is active as an E3 ligase containing the RING and substrate recognition domains.
Species	Human
Source	E.coli
ProteinLength	236-617 a.a.
Form	Dissolved in PBS, 10% glycerol
Bio-activity	Typical enzyme concentration 20nM -1 µM is used for in vitro conjugation depending on assay conditions.
Molecular Mass	39.3 kDa (without SUMO tag)
Storage	Store at -80°C. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name	SYVN1 synovial apoptosis inhibitor 1, synoviolin [Homo sapiens]
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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
MIM	608046
UniProt ID	Q86TM6
Chromosome Location	11q13
Pathway	Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; HRD1/SEL1 ERAD complex, organism-specific biosystem; HRD1/SEL1 ERAD complex, conserved biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem;
Function	acid-amino acid ligase activity; ligase activity; metal ion binding; protein binding; zinc ion binding;

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