

Recombinant Human JPT1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. JPT1-2820H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HN1 MS Standard C13 and N15-labeled recombinant protein (NP_057269) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Modulates negatively AKT-mediated GSK3B signaling. Induces CTNNB1 'Ser-33' phosphorylation and degradation through the suppression of the inhibitory 'Ser-9' phosphorylation of GSK3B, which represses the function of the APC:CTNNB1:GSK3B complex and the interaction with CDH1/E-cadherin in adherent junctions. Plays a role in the regulation of cell cycle and cell adhesion. Has an inhibitory role on AR-signaling pathway through the induction of receptor proteosomal degradation.
Molecular Mass	15.8 kDa
AA Sequence	MTTTTTFKGVDPNSRNSSRVLRPPGGGSNFSLGDFDEPTEQPVRKNKMASNIFGTPE ENQASWAKSAGAKSSGGREDLESSGLQRRNSSEASSGDFDLKGEGDIHENVDTD LPGSLGQSEEKPVPAAPVPSPVAPAPVPSRRNPPGGKSSLVLGTRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

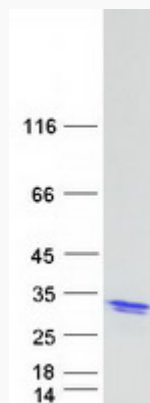
GENE INFORMATION

Gene Name	JPT1 Jupiter microtubule associated homolog 1 [Homo sapiens (human)]
Official Symbol	JPT1
Synonyms	JPT1; Jupiter microtubule associated homolog 1; HN1; ARM2; HN1A; jupiter microtubule associated homolog 1; androgen-regulated protein 2; hematological and neurological expressed 1 protein
Gene ID	51155
mRNA Refseq	NM_016185
Protein Refseq	NP_057269
UniProt ID	Q9UK76

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SDS-PAGE

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