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

Cat. No. SVBP-2814H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCDC23 MS Standard C13 and N15-labeled recombinant protein (NP_955374) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Enhances the tyrosine carboxypeptidase activity of VASH1 and VASH2, thereby promoting the removal of the C-terminal tyrosine residue of alpha-tubulin. This activity is critical for spindle function and accurate chromosome segregation during mitosis since microtuble detyronisation regulates mitotic spindle length and postioning. Also required to enhance the solubility and secretion of VASH1 and VASH2. Plays a role in axon and excitatory synapse formation.
Molecular Mass	7.6 kDa
AA Sequence	MDPPARKEKTKVKESVSRVEKAKQKSAQQELKQRQRAEIYALNRVMTELEQQQFD EFCKQMQPPGETRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

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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	SVBP small vasohibin binding protein [Homo sapiens (human)]
Official Symbol	SVBP
Synonyms	SVBP; small vasohibin binding protein; CCDC23; NEDAHM; small vasohibin-binding protein; coiled-coil domain containing 23; coiled-coil domain-containing protein 23
Gene ID	374969
mRNA Refseq	NM_199342
Protein Refseq	NP_955374
MIM	617853
UniProt ID	Q8N300

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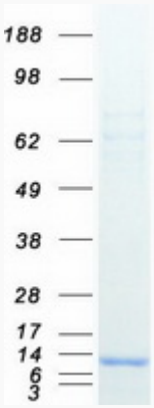
SDS-PAGE	

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