Recombinant Human SDCBP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SDCBP2-1081H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SDCBP2 MS Standard C13 and N15-labeled recombinant protein (NP_056500) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene contains two class II PDZ domains. PDZ domains facilitate protein-protein interactions by binding to the cytoplasmic C-terminus of transmembrane proteins, and PDZ-containing proteins mediate cell signaling and the organization of protein complexes. The encoded protein binds to phosphatidylinositol 4, 5-bisphosphate (PIP2) and plays a role in nuclear PIP2 organization and cell division. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Read-through transcription also exists between this gene and the upstream FKBP1A (FK506 binding protein 1A, 12kDa) gene, as represented in GeneID:100528031.
Molecular Mass	22.5 kDa
AA Sequence	MVAPVTGYSLGVRRAEIKPGVREIHLCKDERGKTGLRLRKVDQGLFVQLVQANTPA SLVGLRFGDQLLQIDGRDCAGWSSHKAHQVVKKASGDKIVVVVRDRPFQRTVTMH KDSMGHVGFVIKKGKIVSLVKGSSAARNGLLTNHYVCEVDGQNVIGLKDKKIMEILAT AGNVVTLTIIPSVIYEHMVKKLPPVLLHHTMDHSIPDATRTRPLEQKLISEEDLAANDIL

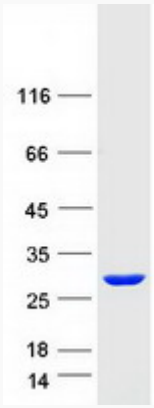
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	DYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SDCBP2 syndecan binding protein 2 [Homo sapiens (human)]
Official Symbol	SDCBP2
Synonyms	SDCBP2; syndecan binding protein (syntenin) 2; syntenin-2; SITAC18; ST 2; ST-2; SITAC; FLJ12256;
Gene ID	27111
mRNA Refseq	NM_015685
Protein Refseq	NP_056500
MIM	617358
UniProt ID	Q9H190

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SDS-PAGE	

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