

Recombinant Human FSD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FSD1-5373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FSD1 MS Standard C13 and N15-labeled recombinant protein (NP_077309) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a centrosome associated protein that is characterized by an N-terminal coiled-coil region downstream of B-box (BBC) domain, a central fibronectin type III domain, and a C-terminal repeats in splA and RyR (SPRY) domain. The encoded protein associates with a subset of microtubules and may be involved in the stability and organization of microtubules during cytokinesis.
Molecular Mass	55.8 kDa
AA Sequence	MEEQREALRKIIKTLAVKNEEIQSFIYSLKQMLLNVEANSKVVQEDLEAEFQSLFSLLE ELKEGMLMKIKQDRASRTYELQNQLAACTRALESSEELLETANQTLQAMDSEDFPQ AAKQIKDGVTMAPAFLSLKAKVSDNMSHLMVDFAQERQMLQALKFLPVPSAPVIDL AESLVADNCVTLVWRMPDEDSKIDHYVLEYRRTNFEGPPRLKEDQPWMVIEGIRQT EYTLTGLKFDMKYMNFRVKACNKAVAGEFSEPVLTLETPAFMFRLDASTSHQNLVRD DLSVEWDAMGGKVQDIKAREKDGKGRASPINSARGTPSPKRMPSGRGGRRDFT AESYTVLGDTLIDGGEHYWEVRYEPDSKAFGVGVAYRSLGRFEQLGKTAASWCLH VNNWLQVSFTAKHANKVKVLDAPVPDCLGVHCFHQGLLSFYNNARTKQVLHTFKTR

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	FTQPLLPAFTVWCGSFQVTTGLQVPSAVRCLQKRGSATSSSNTSLTTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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	FSD1 fibronectin type III and SPRY domain containing 1 [Homo sapiens (human)]
Official Symbol	FSD1
Synonyms	FSD1; fibronectin type III and SPRY domain containing 1; fibronectin type 3 and SPRY domain containing 1; fibronectin type III and SPRY domain-containing protein 1; MGC3213; MIR1; MID1-related protein 1; midline 1-related protein 1; microtubule-associated protein GLFND; fibronectin type 3 and SPRY (spla, ryanodine) domain containing (with coiled-coil motif) 1; GLFND;
Gene ID	79187
mRNA Refseq	NM_024333
Protein Refseq	NP_077309

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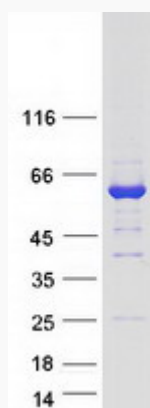
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MIM 609828

UniProt ID Q9BTV5

SDS-PAGE



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