

Recombinant Full Length Human SEPTIN1 Protein, C-Flag-tagged

Cat. No. SEPTIN1-2152HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SEPTIN1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis and the maintenance of cellular morphology. This gene encodes a protein that can form homo- and heterooligomeric filaments, and may contribute to the formation of neurofibrillary tangles in Alzheimer's disease. Alternatively spliced transcript variants have been found but the full-length nature of these variants has not been determined.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	41.8 kDa
AA Sequence	MDKEYVGFAALPNQLHRKSVKKGFDFTLMVAGESGLGKSTLINSFLTNLYEDRQVP EASARLTQTLAIE RRGVEIEEGGVKVKLTLVDTPGFGDSVDCSDCWLPVVKFIEEQF EQYLRDESGLNKNIQDSRVHCCLYF ISPFGRGLRPLDVAFLRAVHEKVNIIPVIGKA DALMPQETQALKQKIRDQLKEEEIHYYQFPECDSDEDE DFKRQDAEMKESIPFAVVG SCEVVRDGGNRPVRGRRYSWGTVEVENPHHCDLNLRRMLVQTHLQDLKEV THD LLYEGYRARCLQSLARPGARDRASRSKLSRQSATEIPLPMLPLADTEKLIREKDEELR

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	RMQEMLEKM QAQMQQSQAQGEQSDAL TRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	SEPTIN1 septin 1 [Homo sapiens (human)]
Official Symbol	SEPTIN1
Synonyms	LARP; SEP1; DIFF6; SEPT1; PNUTL3
Gene ID	1731
mRNA Refseq	NM_052838.6
Protein Refseq	NP_443070.6

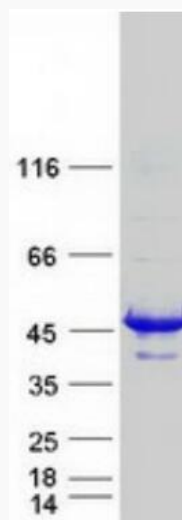
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MIM 612897

UniProt ID Q8WYJ6



Coomassie blue staining of purified SEPTIN1 protein.

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