

Recombinant Full Length Human SAMD4B Protein, C-Flag-tagged

Cat. No. SAMD4B-1781HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SAMD4B Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables RNA binding activity. Predicted to be involved in nuclear-transcribed mRNA poly(A) tail shortening. Predicted to act upstream of or within cerebellar neuron development. Located in cytosol.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	75.3 kDa
AA Sequence	MMFRDQVGILAGWFKGWNECEQTVALLSLLKRVTRTQARFLQLCLEHSLADCNDIH LLESEANSAAIVSQ WQQESKEKVVSLLLSHLPLLQPGNTEAKSEYMRLQKVLAYS ESNAFIEESRQLLSYALIHPPATTLDR NALALWLSHLEERLASGFRSRPEPSYHSRQ GSDEWGGPAELGPGEAGPGWQDKPPRENGHVPFHPSSSV PAINSIGSNANTGL PCQIHPSPLKRSM SLIPTSPQVPGEWPSPEELGARAFTTPDHAPLSPQSSVASSG SEQTEEQGSSRNTFQEDGSGMKDVPSWLKSLRLHKYAALFSQMSYEEMMTLTEQH LESQNVTKGARHKIA LSIQKLRRERQSVLKSLEKDVLEGGNLRNALQELQQIIITPIKAY SVLQATVAAATTTPTAKDGAPGEPPL PGAEPPLAHPGTDKGTEAKDPPAVENYPPP PAPAPTDGSEPAPAPVADGDIPSQFTRVMGKVCTQLLVSR PDEENITSYLQIEKCL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

THEAFTETQKKRLLSWKQQVLKLLRTFPRKAALEMQNYRQQKGWAFGSNSLPI AG
 SVGMGVARRTQRQFPMPPRALPPGRMGLLSPSGIGGVSPRHALTSPSLGGQGRQ
 NLWFANPGGSNSMP SQRSSVQRTHTSLPVHSSPQAILMFPPDCPVPGPDLEINPTL
 ESLCLSMTEHALGDGTDKTSTI TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	SAMD4B sterile alpha motif domain containing 4B [Homo sapiens (human)]
Official Symbol	SAMD4B
Synonyms	SMGB; Smaug2
Gene ID	55095
mRNA Refseq	NM_018028.4

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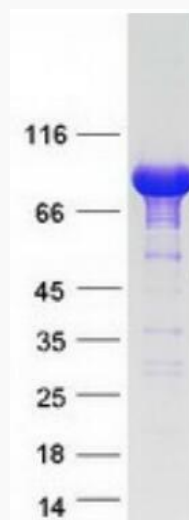
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Protein Refseq NP_060498.2

MIM 619231

UniProt ID Q5PRF9



Coomassie blue staining of purified SAMD4B protein.

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