

Recombinant Human SAMD4A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SAMD4A-4935H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SAMD4A MS Standard C13 and N15-labeled recombinant protein (NP_056404) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Sterile alpha motifs (SAMs) in proteins such as SAMD4A are part of an RNA-binding domain that functions as a posttranscriptional regulator by binding to an RNA sequence motif known as the Smaug recognition element, which was named after the <i>Drosophila</i> Smaug protein.
Molecular Mass	79.1 kDa
AA Sequence	MFRDQVGVLGWFKGWNECEQTVALLSLLKRVSQTQARFLQLCLEHSLADCAELH VLEREANSPGIINQWQQESKDKVISLLLTPLLPKNLDAKVEYMKLLPKILAHSIEH NQHIEESRQLLSYALIH PATSLED RSALAMWLNHLEDRTSTSF GGQNRGRSDSDY GQTHYYHQ RQNSDDKLN GWQNSRDSGICINASNWQDKSMGCENGHVPLYSSSSV PTTINTIGTSTSTILSGQAHHSPLKRSVSLTPPMNVPNQPLGHGWMSHEDLRARGPQ CLPSDHAPLSPQSSVASSGSGGSEHLEDQTTARNTFQEEGSGMKDVP AWLKSRL HKYAALFSQMTYEEMMALTECQLEAQNVTKGARHKIVISIQKLKERQNLLKSLERDII EGGSLRIPLQELHQMILTPIKAYSSPSTTPEARRRREPQAPRQPSLMGPESQSPDCKD GAAATGATATPSAGASGGLQPHQLSSCDGELAVAPLPEGDLPGQFTRVMGKVCTQ

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LLVSRPDEENISSYLQLIDKCLIHEAFTETQKKRLLSWKQQVQKLFRSFPRKTLLDISG
YRQQRNRGFGQSNLSLPTAGSVGGGMGRRNPRQYQIPSRNVPSARLGLLGTSGFV
SSNQRNTTATPTIMKQGRQNLWFANPGGSNSMPSRTHSSVQRTSLPVHTSPQNM
LMFQQPEFQLPVTEPDINNRLLESLCLSMTEHALGDGVDRTSTISGPTRTRRLEQKLIS
EEDLAANDILDYKDDDDKV

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 [SAMD4A sterile alpha motif domain containing 4A \[Homo sapiens \(human\) \]](#)

Official Symbol [SAMD4A](#)

Synonyms SAMD4A; sterile alpha motif domain containing 4A; SAMD4, sterile alpha motif domain containing 4; protein Smaug homolog 1; DKFZP434H0350; hSmaug1; KIAA1053; Smaug; smaug homolog (Drosophila); SMG; SMGA; SAM domain-containing protein 4A; SAMD4; SMAUG; SMAUG1; DKFZp434H0350; DKFZp686A1532;

Gene ID [23034](#)

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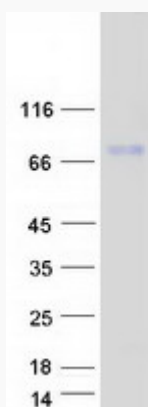
mRNA Refseq [NM_015589](#)

Protein Refseq [NP_056404](#)

MIM [610747](#)

UniProt ID [Q9UPU9](#)

SDS-PAGE



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