

Product datasheet for **TP315243L**

SAMD4A (NM_015589) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human sterile alpha motif domain containing 4A (SAMD4A), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC215243 representing NM_015589

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MFRDQVGVLAGWFKGWNECEQTVALLSLLKRVSQTQARFLQLCLEHSLADCAELHVLEREANSPGIINQW
QQESKDKVISLLLTHLPLLKPGNLDKVEYMKLLPKILAHSIEHNQHIEESRQLLSYALIHPTSLEDRS
ALAMWLNHLEDRTSTSFGGQNRGRSDSVYDYGQTHYYHQRQNSDDKLNQWQNSRDSCGINASNWQDKSMG
CENGHVPLYSSSVPTTINTIGTSTSTILSGQAHHSPLKRSVSLTPPMNVNQLPGHGWMSHEDLRARGP
QCLPSDHAPLSPQSSVASSGSGGSEHLEDQTTARNTFQEEGSGMKDVPAPWLKSLRLHKYAALFSQMTYEE
MMALTECQLEAQNVTKGARHKIVISIQKLKERQNLLKSLERDIIEGGSLRIPLQELHQMILTPIKAYSSP
STTPEARRREPQAPRQPSLMGPESQSPDCKDGAATGATATPSAGASGGLQPHQLSSCDGELAVAPLPEG
DLPGQFTRVMGKVCTQLLVSRPDEENISSYLQLIDKCLIEAFTETQKKRLLSWKQQVQKLFRSFPRKTL
LDISGYRQQRNRGFGQSNLPTAGSVGGMGRRNPRQYQIPSRNVPSARLGLLGTSGFVSSNQRNTTATP
TIMKQGRQNLWFANPGGSNSMPSRTHSSVQRTRSLPVHTSPQNMLMFQQPEFQLPVTEPDINNRLSLCL
SMTEHALGDGVDRTSTI

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 79.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

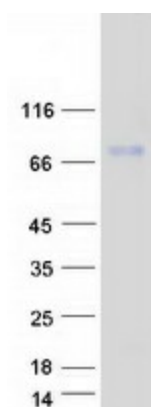
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_056404</u>
Locus ID:	23034
UniProt ID:	<u>Q9UPU9</u>
RefSeq Size:	2356
Cytogenetics:	14q22.2
RefSeq ORF:	2151
Synonyms:	SAMD4; SMAUG; SMAUG1; SMG; SMGA
Summary:	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 (Baez and Boccaccio, 2005 [PubMed 16221671]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified SAMD4A protein (Cat# [TP315243]). The protein was produced from HEK293T cells transfected with SAMD4A cDNA clone (Cat# [RC215243]) using MegaTran 2.0 (Cat# [TT210002]).