

Product datasheet for **TP306013L**

SAMHD1 (NM_015474) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human SAM domain and HD domain 1 (SAMHD1), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC206013 protein sequence
Red=Cloning site **Green**=Tags(s)

MQRADSEQPSKRPRCDDSPRTPSNTPSAEADWSPGLELHPDYKTWGPEQVCSFLRRGGFEFPVLLKNIRE
NEITGALLPCLDESRFENLGVSSLGERKKLLSYIQRVQIHVDTMKVINDPIHGHIELHPLLVRIIDTPQ
FQRLRYIKQLGGGYVFPGASHNRFEHSLGVGYLAGCLVHALGEKQPELQISERDVLVCVQIAGLCHDLGH
GPFSHMFDGRFIPLARPEVKWTHEQGSVMMFEHLINSNGIKPVMEQYGLIPEEDICFIKEQIVGPLESPV
EDSLWPYKGRPENKSFLYEIVSNKRNGIDVDKWDYFARDCHHLGIQNNFDYKRFIKFARVCEVDNELRIC
ARDKEVGNLYDMFHTRNSLHRRAYQHKBVGNIIIDTMITDAFLKADDYIEITGAGEKKYRISTAIDDMEAYT
KLTDNIFLEILYSTDPKLDAREILKQIEYRNLFKYVGETQPTGQIKIKREDYESLPKEVASAKPKVLLD
VKLKAEDFIVDINMDYGMQEKNPIDHVSFYCKTAPNRAIRITKNQVSQLLPEKFVEQLIRVYCKKVDK
SLYAARQYFVQWCADRNFNTPQDGDVIAPLITPQKKEWNDSTSVQNPTLREASKSRVQLFKDDPM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 72 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.

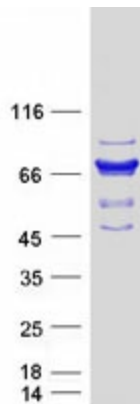
Storage: Store at -80°C.



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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:	NP_056289
Locus ID:	25939
UniProt ID:	Q9Y3Z3 , Q59H15
RefSeq Size:	3189
Cytogenetics:	20q11.23
RefSeq ORF:	1878
Synonyms:	CHBL2; DCIP; HDDC1; hSAMHD1; MOP-5; SBBI88
Summary:	This gene may play a role in regulation of the innate immune response. The encoded protein is upregulated in response to viral infection and may be involved in mediation of tumor necrosis factor-alpha proinflammatory responses. Mutations in this gene have been associated with Aicardi-Goutieres syndrome. [provided by RefSeq, Mar 2010]

Product images:



Coomassie blue staining of purified SAMHD1 protein (Cat# [TP306013]). The protein was produced from HEK293T cells transfected with SAMHD1 cDNA clone (Cat# [RC206013]) using MegaTran 2.0 (Cat# [TT210002]).