

Recombinant Human ADAMTS6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ADAMTS6-3748H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ADAMTS6 MS Standard C13 and N15-labeled recombinant protein (NP_922932) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature enzyme. Expression of this gene may be regulated by the cytokine TNF-alpha.
Molecular Mass	122.7 kDa
AA Sequence	MEILWKTLTWILSLIMASSEFHSDHRLSYSSQEEFLTYLEHYQLTIPIRVDQNGAFLSF TVKNDKHSRRRRSMDPIDPQQAVSKLFFKLSAYGKHFHNLTLNTDFVSKHFTVEY WGKDGPPQWKHDFLDNCHYTGYLQDQRSTTKVALSNCVGLHGVIAEDEEYFIEPLK NTTEDSKHFSYENGHPHVIYKKSALQQRHLYDHSCHGVSDFTSRGKPPWWLNDTST VSYSLPINNTHIHRQKRSVSIERFVETLVVADKMMVGYHGRKDIEHYILSVMNIVAKL

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YRDSSLGNVNIIVARLIVLTEDQPNLEINHADKSLDSFCKWQKSILSHQSDGNTIPE
 NGIAHHDNAVLITRYDICTYKNKPCGTLGLASVAGMCEPERSCSINEDIGLGSFTIAH
 EIGHNFGMNHGIGNSCGTKGHEAAKLMAAHITANTNPFWSACS RDYITSFLDSG
 RGTCLDNEPPKRDFLYPAVAPGQVYDADEQCRFQYGATSRQCKYGEVCRELWCLS
 KSNRCVTNSIPAAEGTLCQTG NIEKGWCYQGDCVPFGTWPQSIDGGWGPWSLWG
 ECSRTC GGGVSSSLRHCDSPAPSGGGKYCLGERKRYRSCNTDPCPLGSRDFREK
 QCADFDNMPFRGKYYNWKPYTGGGVKPCALNCLAEGYNFYTERAPAVIDGTQCNA
 DSLDICINGECKHVGCDNILGSDAREDRCRVC GGDGSTCDAIEGFFNDSLPRGGYM
 EVVQIPRGSVHIEVREVAMSKNYIALKSEGDDYYINGAWTIDWPRKFDVAGTAFHYK
 RPTDEPESLEALGPTSEN LIVMVLLQEQLGIRYKFNPITRTGSGDNEVGFTWNHQ
 PWSECSATCAGGVQRQEVVCKRLDDNSIVQNNYCDPDSKPPENQRACNTEPCPPE
 WFIGDWLECSKTC DGGMRTRAVLCIRKIGPSEEETLDYSGCLTHRPVEKEPCNNQS
 CPPQWVALDWSECTPKCGPGFKHRIVLCKSSDLSKTFPAAQCPEESKPPVRIRCSL
 GRCPPPRWVTGDWGWQCSAQCGLGQQMRTVQCLSYTGQASSDCLETVRPPSMQQ
 CESKCDSTPISNTEECKDVNKVAYCPLVLKFKFC SRAYFRQMCCCKTCQGHTRTRPL
 EQKLISEEDLAANDILDYKDDDDKV

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

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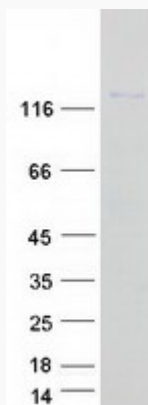
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Gene Name	ADAMTS6 ADAM metalloproteinase with thrombospondin type 1 motif 6 [Homo sapiens (human)]
Official Symbol	ADAMTS6
Synonyms	ADAMTS6; ADAM metalloproteinase with thrombospondin type 1 motif, 6; a disintegrin like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 6; A disintegrin and metalloproteinase with thrombospondin motifs 6; a disintegrin and metalloproteinase with thrombospondin motifs 6; ADAM TS6; a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 6; ADAM-TS6; ADAMTS-6; ADAM-TS 6;
Gene ID	11174
mRNA Refseq	NM_197941
Protein Refseq	NP_922932
MIM	605008
UniProt ID	Q9UKP5

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