

## Product datasheet for TP320803

### ADAMTS6 (NM\_197941) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADAM metalloproteinase with thrombospondin type 1 motif, 6 (ADAMTS6), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220803 representing NM_197941 Red=Cloning site Green=Tags(s)

MEILWKTLTWILSLIMASSEFHSDHRLSYSSQEEFLTYLEHYQLTIPIRVDQNGAFLSFTVKNDKHSRRR  
RSM DPIDPQQAVSKLFFKLSAYGKHFHLNLTNLTDFVSKHFTVEYWGKDGPPQWKHDFLDNCHYTGYLQDQ  
RSTTKVALSNCVGLHGVIATEDEEYFIEPLKNTTEDSKHFSYENGHPHVIYKKSALQQRHLYDHSCHGVS  
DFTRSGKPWWLNDTSTVSYSLPINNTIHHHRQKRSVSIERFVETLVVADKMMVGYHGRKDIEHYILSVMN  
IVAKLYRDSSLGNVNIIVARLIVLTEDQPNLEINHHADKSLDSFCKWQKSILSHQSDGNTIPENGIAHH  
DNAVLITRYDICTYKNKPCGTLGLASVAGMCEPERSCSINEDIGLGSFTAIAHEIGHNFGMNHGDGIGNSC  
GTKGHEAAKLMAAHITANTNPFWSWACSARDYITSFLDSGRGTCLDNEPPKRDFLYPVAVPGQVYDADEQC  
RFQYGATSRQCKYGEVCRELWCLSKSNRCVTNSIPAAEGTLCQTGNIEKGWCYQGGDCVPGFTWQP SIDGG  
WGPWLSLWGECSRTC GGGVSSSLRHCDSPAPSGGGKYCLGERKRYRSCNTDPCPLGSRDFREKQCADFDNM  
PFRGKYNNWKPYTGGGVKPCALNCLAEQNFYTERAPAVIDGTQCNADSLDINGECKHVGCDN ILGSD  
AREDRCRVCGGDGSTCDAIEGFFNDSLPRGGYMEVVQIPRGSVHIEVREVAMSKNYIALKSEGDDYIING  
AWTIDWPRKFDVAGTAFHYKRPTDEPESLEALGPTSEN LIVMVLLQEQLGIRYKFNVPITRTGSGDNEV  
GFTWNHQPWSECSATCAGGVQRQEVVCKRLDDNSIVQNNYCDPDSKPPENQRACNTEPCPPEWFIGDWLE  
CSKTCDGGMRTAVL CIRKIGPSEEETLDYSGCLTHRPVEKEPCNNQSCPPQWVALDWSECTPKCGPGFK  
HRIVLCKSSDLSKTFPAAQCPEESKPPVRIRCSLGRCP PRWVTGDWGWQCSAQCGLQQMRTVQCLSYTG  
QASSDCLETVRPPSMQ QCESKCDSTPISNTEECKDVNKVAYCPLVLKFKFCRAYFRQMCKCTCQGH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	122.7 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



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_922932</a>
<b>Locus ID:</b>	11174
<b>UniProt ID:</b>	<a href="#">Q9UKP5</a> , <a href="#">Q5IR90</a>
<b>RefSeq Size:</b>	7289
<b>Cytogenetics:</b>	5q12.3
<b>RefSeq ORF:</b>	3351
<b>Synonyms:</b>	ADAM-TS 6; ADAM-TS6; ADAMTS-6
<b>Summary:</b>	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. [provided by RefSeq, Mar 2016]
<b>Protein Families:</b>	Protease

### Product images:



Coomassie blue staining of purified ADAMTS6 protein (Cat# TP320803). The protein was produced from HEK293T cells transfected with ADAMTS6 cDNA clone (Cat# [RC220803]) using MegaTran 2.0 (Cat# [TT210002]).