

Recombinant Human ADAM32 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ADAM32-3835H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ADAM32 MS Standard C13 and N15-labeled recombinant protein (NP_659441) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the disintegrin family of membrane-anchored proteins that play a role in diverse biological processes such as brain development, fertilization, tumor development and inflammation. This gene is predominantly expressed in the testis. The encoded protein undergoes proteolytic processing to generate a mature polypeptide comprised of an metalloprotease, disintegrin and epidermal growth factor-like domains. This gene is located in a cluster of other disintegrin and metallopeptidase family genes on chromosome 8. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	87.9 kDa
AA Sequence	MFRLWLLLAGLCGLLASRPGFQNSLLQIVPEKIQTNTNDSSEIEYEQISYIIPIDEKLYT VHLKQRYFLADNFMIIYLYNQGSMTYSSDIQTQCYQGNIEGYPSMVTLSLSTCSGL RGILQFENVSYGIEPLESAVEFQHVLYKLKLNEDNDIAIFIDRSLKEQPMDDNIFISEKSE PAVPDLFPLYLEMHIIVDKTLYDYWGSDSMIVTNKVIEIVGLANSMTQFKVTIVLSSL ELWSDENKISTVGEADELLQKFLEWKQSYLNLRPHDIAYLLIYMDYPRYLGAVFPGT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MCITRYSAGVALYPKEITLEAFVIVTQMLALSLGISYDDPKKCQCSESTCIMNPEVV
 QSNQVKTFFSSCSLRSFQNFISNVGVKCLQNKPMQKSPKPCVGNRLEGNEICD
 CGTEAQCGPASCCDFRTCVLKDGAKCYKGLCCKDCQILQSGVECRPKAHPECDIAE
 NCNGSSPECQPDITLINGLSCKNNKFICYDGDCHDLARCESVFGKGSRNAPFACY
 EEIQSQSDRFGNCGRDRNNKYVFCGWRNLICGRLVCTYPTRKPFHQENGDVYAFV
 RDSVCITVDYKLPRTVPDPLAVKNGSQCDIGRVCVNRECVESRIIKASAHVCSQQCS
 GHGVCDSRNKCHCSPGYKPPNCQIRSKGFSIFPEEDMGSIMERASGKTENTWLLGF
 LIALPILIVTTAIVLARKQLKKWFAKEEEFPSSSESKSEGSTQTYASQSSSEGSTQTYAS
 QTRSESSSQADTSKSKSEDSAEAYTSRSKSQDSTQTQSSSNTRTRPLEQKLISEED
 LAANDILDYKDDDDKV

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 ADAM32 ADAM metalloproteinase domain 32 [Homo sapiens (human)]

Official Symbol ADAM32

Synonyms ADAM32; ADAM metalloproteinase domain 32; a disintegrin and metalloproteinase domain 32; disintegrin and metalloproteinase domain-containing protein 32; ADAM 32; metalloproteinase 12-like protein; a disintegrin and metalloproteinase domain 32;

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FLJ26299; FLJ29004;

Gene ID 203102

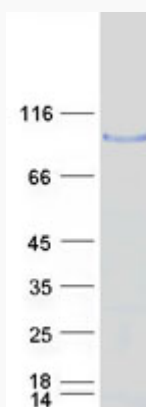
mRNA Refseq NM_145004

Protein Refseq NP_659441

MIM 618602

UniProt ID Q8TC27

SDS-PAGE



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