

Recombinant Full Length Human ADAM29 Protein

Cat. No. ADAM29-884HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAM29 full-length ORF (AAI66695.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	820 amino acids
Description	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene is highly expressed in testis and may be involved in human spermatogenesis. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Jul 2008]
Molecular Mass	90.2 kDa
AA Sequence	MKMLLLHCL GVFLSCSGHI QDEHPQYHSP PDVIPVRIT GTTRGMTPPG WLSYILPFGG QKHIIHIVK KLLFSKHLVP FTYTDQGAIL EDQPFVQNNC YYHGYVEGDP ESLVSLSTCF GGFQGILQIN DFAYEIKPLA FSTTFEHLVY KMDSEEKQFS TMRSGFMQNE ITCRMEFEEI DNSTQKQSSY VGWWIHFRIV EIVVIDNYL YIRYERNDSK LLEDLYVIVN IVDSILDVIG VKVLLFGLLEI WTNKNLIVVD DVRKSVHLYC KWKSENITPR MQHDTSHLFT TLGLRGLSGI GAFRGMCTPH

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RSCAIVTFMN KTLGTFSIAV AHHLGHNLM NHDEDTCRCS QPRCIMHEGN
 PPITKFSNCS YGDFWEYTV RTKCLLETVH TKDIFNVKRC GNGVVEEGEE
 CDCGPLKHCA KDPCCLSNCT LTDGSTCAFG LCCKDCKFLP SGKVC RKEVN
 ECDLPEWCNG TSHKCPDDFY VEDGIPCKER GYCYEKSCHD RNEQCRRIFG
 AGANTASETC YKELNTLGDR VGHCGIKNAT YIKCNISDVQ CGRIQCENVT
 EIPNMSDHTT VHWARFNDIM CWSTDYHLGM KGPDIGEVKD GTECGIDHIC
 IHRHCVHITI LNSNCSPAFC NKRIGICNNKH HCHCNYLWDP PNCLIKGYGG
 SVDSGPPPKR KKKKKFCYLC ILLLVLFIL LCCLYRLCKK SKPIKKQQDV
 QTPSAKEEEK IQRRPHELPP QSQPWVMP SQPPVTPSQS HPQVMPSQSQ
 PPVTPSQSQP RVMP SQSQPP VMPSQSHPL TPSQSQPPVT PSQRQPQLMP
 SQSQPPVTPS

Applications

Antibody Production
 Functional Study
 Compound Screening

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ADAM29 ADAM metalloproteinase domain 29 [Homo sapiens]

Official Symbol

ADAM29

Synonyms

ADAM29; ADAM metalloproteinase domain 29; a disintegrin and metalloproteinase
 domain 29; disintegrin and metalloproteinase domain-containing protein 29;
 cancer/testis antigen 73; CT73; svph1

Gene ID

11086

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mRNA Refseq	NM_001130703
Protein Refseq	NP_001124175
MIM	604778
UniProt ID	Q9UKF5

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