

Recombinant Human ADAM32 Protein, GST-tagged

Cat. No. ADAM32-288H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAM32 full-length ORF (AAH26169.1, 1 a.a. - 787 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Sep 2015]
Molecular Mass	114.3 kDa
AA Sequence	MFRLWLLLAGLCGLLASRPGFQNSLLQIVPEKIQTNTNDSSEIEYEQISYIIPIDEKLYT VHLKQRYFLADNFMIIYLYNQGSMTYSSDIQTQCYQGNIEGYPDMSMTLSTCSGL RGILQFENVSYGIEPLESAVEFQHVLYKLKLNEDNDIAIFIDRSLKEQPMDDNIFISEKSE PAVPDLFPLYLEMHIVDKTLYDYWGSDSMIVTNKVIEIVGLANSMTQFKVTIVLSSL ELWSDENKISTVGEADELLQKFLEWKQSYLNLRPHDIAYLLIYMDYPRYLGAVFPGT

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MCITRYSAGVALYPKEITLEAFVIVTQMLALSLGISYDDPKKCQCSESTCIMNPEVV
 QSNQVKTFFSSCSLRSFQNFISNVGVKCLQNKPMQKKSPKPVCGNGRLEGNEICD
 CGTEAQCGPASCCDFRTCVLKDGAKCYKGLCCKDCQILQSGVECRPKAHPECDIAE
 NCNGSSPECBPDITLINGLSCKNNKFICYDGDCHDLARCESVFGKGSRNAPFACY
 EEIQSQSDRFGNCGRDRNNKYVFCGWRNLICGRLVCTYPTRKPFHQENGDVYAFV
 RDSVCITVDYKLPRTVPDPLAVKNGSQCDIGRVCVNRECVESRIIKASAHVCSQQCS
 GHGVCDSRNKCHCSPGYKPPNCQIRSKGFSIFPEEDMGSIMERASGKTENTWLLGF
 LIALPILIVTTAIVLARKQLKKWFAKEEEFPSSSESKSEGSTQTYASQSSSEGSTQTYAS
 QTRSESSSQADTSKSKSEDSAEAYTSRSKSQDSTQTQSSSN

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

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

ADAM32 ADAM metalloproteinase domain 32 [Homo sapiens]

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 metalloprotease domain 32; FLJ26299; FLJ29004;

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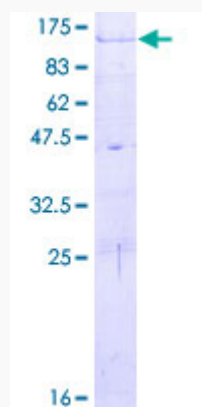
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Gene ID 203102

mRNA Refseq NM_145004

Protein Refseq NP_659441

UniProt ID Q8TC27



12.5% SDS-PAGE Stained with Coomassie Blue.

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