

Recombinant Human ADAM21 Protein, GST-tagged

Cat. No. ADAM21-282H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ADAM21 full-length ORF (NP_003804.1, 1 a.a. - 722 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 expression of this gene expression is testis-specific. [provided by RefSeq, May 2011]
Molecular Mass	107.2 kDa
AA Sequence	MAVDGTLVYIRVTLTLLWLVFSLISGYCQAGPSQHFTSPEVVIPLKVISRGRSAKAP GWLSYSLRFGGQKHVVHMRVKLLVSRHLPVFTYTDERALLEDQLFIPDDCYHGY VEGAPESLVVFSACFGGFRGVLKISGLTYEIEPIRHSATFEHLVYKVNNETQFPAMR CGLTEKEVARQQLEFEEAENSALEPKSAGDWWTHAWFLELVVVVNHDFFIYSQSN SKVQEDVFLVVNIVDSMYQQLGTYIILIGIEIWNQGNVFPMTSIEQVLNDFSQWKQISL SQLQHDAAHMFIKNSLISILGLAYVAGICRPPIDCGVDNFQGDWLSLFANTVAHELGH TLGMQHDEEFCFCGERGCIMNTFRVPAEKFTNCSYADFMKTTLNQGSCLHNPPRL GEIFMLKRCGNVVEREEQCDCGSVQQCEQDACLLNCTLRPGAACAFGLCCKDC

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KFMPSGELCRQE VNECDLPEWCNGTSHQCPEDRYVQDGIPCSDSAYCYQKRCNN
 HDQHCREIFGKDAKSASQNCYKEINSQGNRFGHCGINGTTYLKCHISDVFCGRVQC
 ENVRDIPLLQDHFTLQHTHINGVTCWGIDYHLRMNISDIGEVKDGTVCGPGKICIHKK
 CVSLSVLSHVCLPETCNMKGICNNKHHCHCGYGWSPPYCQHRGYGGSIDSGPASA
 KRGVFLPLIVIPSLSVLTFLLTVGLLMYLRQCSPKETAHSSG

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 [ADAM21 ADAM metalloproteinase domain 21 \[Homo sapiens \]](#)

Official Symbol [ADAM21](#)

Synonyms
 ADAM21; ADAM metalloproteinase domain 21; a disintegrin and metalloproteinase domain 21; disintegrin and metalloproteinase domain-containing protein 21; ADAM31; ADAM metalloproteinase domain 21, preproprotein; ADAM 21; MGC125389;

Gene ID [8747](#)

mRNA Refseq [NM_003813](#)

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Protein Refseq NP_003804

MIM 603713

UniProt ID Q9UKJ8



12.5% SDS-PAGE Stained with Coomassie Blue.

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