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	MAVDGTLVYIRVTLLLLWLGVFLSISGYCQAGPSQHFTSPEVVIPLKVISRGRSAKAP GWLSYSLRFGGQKHVVHMRVKKLLVSRHLPVFTYTDERALLEDQLFIPDDCYYHGY VEGAPESLVVFSACFGGFRGVLKISGLTYEIEPIRHSATFEHLVYKVNSNETQFPAMR CGLTEKEVARQQLEFEEAENSALEPKSAGDWWTHAWFLELVVVVNHDFFIYSQSNI SKVQEDVFLVVNIVDSMYQQLGTYIILIGIEIWNQGNVFPMTSIEQVLNDFSQWKQISL SQLQHDAAHMFIKNSLISILGLAYVAGICRPPIDCGVDNFQGDTWSLFANTVAHELGH TLGMQHDEEFCFCGERGCIMNTFRVPAEKFTNCSYADFMKTTLNQGSCLHNPPRL GEIFMLKRCGNGVVEREEQCDCGSVQQCEQDACCLLNCTLRPGAACAFGLCCKDC

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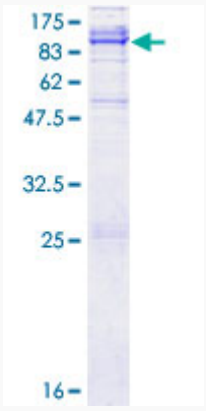
	KFMPSGELCRQEVNECDLPEWCNGTSHQCPEDRYVQDGIPCSDSAYCYQKRCNN HDQHCREIFGKDAKSASQNCYKEINSQGNRFGHCGINGTTYLKCHISDVFCGRVQC ENVRDIPLLQDHFTLQHTHINGVTCWGIDYHLRMNISDIGEVKDGTVCGPGKICIHKK CVSLSVLSHVCLPETCNMKGICNNKHHCHCGYGWSPPYCQHRGYGGSIDSGPASA KRGVFLPLIVIPSLSVLTFLFTVGLLMYLRQCSGPKETKAHSSG
Applications	Enzyme-linked Immunoabsorbent 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 metallopeptidase domain 21 [Homo sapiens]
Official Symbol	ADAM21
Synonyms	ADAM21; ADAM metallopeptidase domain 21; a disintegrin and metalloproteinase domain 21; disintegrin and metalloproteinase domain-containing protein 21; ADAM31; ADAM metallopeptidase 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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