

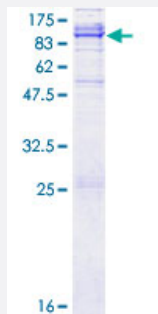
Full-Length

ADAM21 (Human) Recombinant Protein (P01)

Catalog # H00008747-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ADAM21 full-length ORF (NP_003804.1, 1 a.a. - 722 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAVDGTLVYIRVTLTLLWLGVFLSISGYCQAGPSQHFTSPEVVIPLKVISRGRSAKAPGWLSYSLRF
GGQKHVVHMRVKKLLVSRHLPVFTYTDERALLEDQLFIPDDCYHGYVEGAPESLVVFSACFGGF
RGVLKISGLTYEIEPIRHSATFEHLVYKVNSETQFPAMRCGLTEKEVARQQLEFEEAENSALEPK
SAGDWWTHAWFLELVVVVNHDFFIYSQSNISKVQEDVFLVVNIVDSMYQQLGTYIILIGIEWNQGNV
FPMTSIEQVLNDFSQWKQISLSQLQHDAAHMFIKNSLISILGLAYVAGICRPPIDCGVDNFQGDTWS
LFANTVAHELGHITLGMQHDEEFCFCGERGCIMNTFRVPAEKFTNCSYADFMKTTLNQGSCLHNP
PRLGEIFMLKRCGNGVVEREEQCDCGSVQQCEQDACLLNCTLRPGAACAFGLCKDCKFMP
SGELCRQEVNECDLPEWCNGTSHQCPEDRYVQDGIPCSDSAYCYQKRCNNHDQHCREIFGKDA
KSASQNCYKEINSQGNRFGHCGINGTTYLKCHISDVFCGRVQCENVRDIPLLQDHFTLQHTHINGVT
CWGIDYHLRMNISDIGEVKDGTVCGPGKICIKKCVSLSVLSHVCLPETCNMKGICNNKHHCHCGY
GWSPPYCQHRGYGGSIDSGPASAKRGVFLPLVPSLSVLTLFTVGLLMYLRQCSGPKETKAHSS
G

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

107.2

Interspecies Antigen Sequence

Mouse (68)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — ADAM21

Entrez GeneID	8747
GeneBank Accession#	NM_003813.2
Protein Accession#	NP_003804.1
Gene Name	ADAM21
Gene Alias	ADAM31, MGC125389
Gene Description	ADAM metallopeptidase domain 21
Omim ID	603713
Gene Ontology	Hyperlink
Gene Summary	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. This gene lacks introns and its expression is testis-specific. [provided by RefSeq]

Other Designations

ADAM metallopeptidase domain 21, preproprotein|a disintegrin and metalloproteinase domain 2
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