

Recombinant Full Length Human ADAM21 Protein, GST-tagged

Cat. No. ADAM21-873HF **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	In Vitro Cell Free System
ProteinLength	772 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 expression of this gene expression is testis-specific. [provided by RefSeq, May 2011]
Molecular Mass	107.2 kDa
AA Sequence	MAVDGTLVYI RVTLLLLWLG VFLSISGYCQ AGPSQHFTSP EVVIPLKVIS RGRSAKAPGW LSYSLRFGGQ KHVVMHRVKK LLVSRHLPVF TYTDERALLE DQLFIPDDCY YHGYVEGAPE SLVVSACFG GFRGVLKISG LTYEIEPIRH SATFEHLVYK VNSNETQFPA MRCGLTEKEV ARQQLEFEEA ENSALEPKSA GDWWTHAWFL ELVVVVNHDF FIYSQSNISK VQEDVFLVVN IVDSMYQQLG TYIILIGIEI WNQGNVFPMT SIEQVLNDFS QWKQISLSQL QHDAAHMFIK

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NSLISILGLA YVAGICRPPI DCGVDNFQGD TWSLFANTVA HELGHTLGMQ
 HDEEFCFCGE RGCIMNTFRV PAEKFTNCSY ADFMKTTLNQ GSCLHNPPRL
 GEIFMLKRCG NGVVEREEQC DCGSVQQCEQ DACCLLNCTL RPGAACAFGL
 CCKDCKFMPS GELCRQEVNE CDLPEWCNGT SHQCPEDRYV QDGIPCSDSA
 YCYQKRCNNH DQHCREIFGK DAKSASQNCY KEINSQGNRF GHCGINGTTY
 LKCHISDVFC GRVQCENVRD IPLLQDHFTL QHTHINGVTC WGIDYHLRMN
 ISDIGEVKDG TVCGPGKICI HKKCVSLSVL SHVCLPETCN MKGICNNKHH
 CHCGYGWSPY YCQHRGYGGS IDSGPASAKR GVFLPLIVIP SLSVLTFLFT
 VGLLMYLRQC SGPKETKAHS SG

Applications

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

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](#)

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mRNA Refseq	NM_003813
Protein Refseq	NP_003804
MIM	603713
UniProt ID	Q9UKJ8

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