

Recombinant Full Length Human ADAM7 Protein, GST-tagged

Cat. No. ADAM7-889HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAM7 full-length ORF (AAI48736.1, 1 a.a. - 754 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	754 amino acids
Description	This gene encodes a member of the ADAMs family of zinc proteases. These transmembrane proteins play roles in multiple processes including cell signaling, adhesion and migration. The encoded protein lacks protease activity and may play roles in protein-protein interactions and cell adhesion processes including sperm-egg fusion. Mutations in this gene may be involved in the progression of melanoma. [provided by RefSeq, Oct 2011]
Molecular Mass	109.89 kDa
AA Sequence	MLPGCIFLMI LLIPQVKEKF ILGVEGQQLV RPKKLPLIQK RDTGHTHDDD ILKTYEEELL YEIKLNRKTL VLHLLRSREF LGSNYSETFY SMKGEAFTRH PQIMDHCFYQ GSIVHEYDSA ASISTCNGLR GFFRINDQRY LIEPVKYSDE GEHLVFKYNL RVPYGANYSC TELNFTRKTV PGDNESEEDS KIKGIHDEKY VELFIVADDT VYRRNGHPHN KLRNRIWGMV NFVNMIYKTL NIHVTLVGIE IWTHEDKIEL YSNIETTLLR FSWQEKILK TRKDFDHVVL LSGKWLYSHV QGISYPGGMC LPYYSTSIK DLLPDTNIIA NRMAHQLGHN LGMQHDEFPC

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TCPSGKCVMD SDGSIPALKF SKCSQNQYHQ YLKDYKPTCM LNIPFPYNFH
 DFQFCGNKKL DEGEEDCGP AQECTNPCCD AHTCVLKPGF TCAEGECCES
 CQIKKAGSIC RPAKDECDFP EMCTGHSPAC PKDQFRVNGF PCKNSEGYCF
 MGKCPTREDQ CSELFDEAI ESHDICYKMN TKGKNGFYCK NKENRFLPCE
 EKDVRCGKIY CTGGELSSLL GEDKTYHLKD PQKNATVKCK TIFLYHDSTD
 IGLVASGTKC GEGMVCNNGE CLNMEKVYIS TNCPSQCEN PVDGHGLQCH
 CEEGQAPVAC EETLHVTNIT ILVVVLVVI VGIGVLILLV RYRKCIKLKQ
 VQSPPTETLG VENKGYFGDE QQIRTEPILP EIHFLNKPAS KDSRGIADPN QSAK

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

[ADAM7 ADAM metallopeptidase domain 7 \[Homo sapiens \]](#)

Official Symbol

[ADAM7](#)

Synonyms

ADAM7; ADAM metallopeptidase domain 7; a disintegrin and metalloproteinase domain 7; disintegrin and metalloproteinase domain-containing protein 7; EAPI; GP 83; epididymal apical protein I; sperm maturation-related glycoprotein GP-83; GP83; GP-83; ADAM 7; ADAM-7

Gene ID

[8756](#)

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mRNA Refseq	NM_003817
Protein Refseq	NP_003808
MIM	607310
UniProt ID	Q9H2U9

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