

# Recombinant Full Length Human ADAM7 Protein, GST-tagged

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

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Human ADAM7 full-length ORF ( AAI48736.1, 1 a.a. - 754 a.a.) recombinant protein with GST-tag at N-terminal.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | In Vitro Cell Free System  |
| <b>Protein Length</b>   | 754 amino acids  |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 109.89 kDa   |
| <b>AA Sequence</b>      | MLPGCIFLMI LLIPQVKEKF ILGVEGQQLV RPKKLPLIQK RDTGHTHDDD<br>ILKTYEEELL YEIKLNRKTL VLHLLRSREF LGSNYSETFY SMKGEAFTRH<br>PQIMDHCFYQ GSIVHEYDSA ASISTCNGLR GFFRINDQRY LIEPVKYSDE<br>GEHLVFKYNL RVPYGANYSC TELNFTRKTV PGDNESEEDS KIKGIHDEKY<br>VELFIVADDT VYRRNGHPHN KLRNRIWGMV NFVNMIYKTL NIHVTLVGIE<br>IWT HEDKIEL YSNIETTLLR FSFWQEKILK TRKDFDHVVL LSGKWLYSHV<br>QGISYPGGMC LPYYSTSIK DLLPDTNIIA NRMAHQLGHN LGMQHDEFPC                             |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TCPSGKCVMD SDGSIPALKF SKCSQNQYHQ YLKDYKPTCM LNIPFPYNFH  
 DFQFCGNKKL DEGEECDGCP AQECTNPCCD AHTCVLKPGF TCAEGECCES  
 CQIKKAGSIC RPAKDECDFP EMCTGHSPAC PKDQFRVNGF PCKNSEGYCF  
 MGKCPTRDQ CSELFDEAI ESHDICYKMN TKGKNGFYCK NKENRFLPCE  
 EKDVRCGKIY CTGGELSSLL GEDKTYHLKD PQKNATVKCK TIFLYHDSTD  
 IGLVASGTKC GEGMVCNNGE CLNMEKVYIS TNCPSQCENEN PVDGHGLQCH  
 CEEGQAPVAC EETLHVNTIT ILVVVLVVI VGIGVLILLV RYRKCICKLQ  
 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 metalloproteinase domain 7 \[ Homo sapiens \]](#)

**Official Symbol**

[ADAM7](#)

**Synonyms**

ADAM7; ADAM metalloproteinase 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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