

Recombinant Human ADAM7 Protein, GST-tagged

Cat. No. ADAM7-292H **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	Wheat Germ
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	MLPGCIFLMILLIPQVKEKFI LGVEGQQLV RPKKLPLIQKRDTGHTHDDDILKTYEEELL YEIKLNRKTLVLHLLRSREFLGSNYSETFY SMKGEAFTRHPQIMDHCFYQGSIVHEY DSAA S I S T C N G L R G F F R I N D Q R Y L I E P V K Y S D E G E H L V F K Y N L R V P Y G A N Y S C T E L N F T R K T V P G D N E S E E D S K I K G I H D E K Y V E L F I V A D D T V Y R R N G H P H N K L R N R I W G M V N F V N M I Y K T L N I H V T L V G I E I W T H E D K I E L Y S N I E T T L L R F S F W Q E K I L K T R K D F D H V V L L S G K W L Y S H V Q G I S Y P G G M C L P Y Y S T S I I K D L L P D T N I I A N R M A H Q L G H N L G M Q H D E F P C T C P S G K C V M D S D G S I P A L K F S K C S Q N Q Y H Q Y L K D Y K P T C M L N I P F P Y N F H D F Q F C G N K K L D E G E E C D C G P A Q E C T N P C C D A H T C V L K P G F T C A E G E C C E S C Q I K K A G S I C R

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PAKDECDPFEMCTGHSPACPKDQFRVNGFPCKNSEGYCFMGKCPTREDQCSELF
 DDEAIESHDICYKMNTKGNKFGYCKNKENRFLPCEEKDVRCGKIYCTGGELSSLLGE
 DKTYHLKDPQKNATVKCKTIFLYHDSTDIGLVASGTKCGEGMVCNNGECLNMEKVYI
 STNCPSQCENPVDGHGLQCHCEEQAPVACEETLHVTNITLVVVLVIVIGVLLIL
 LVRYRKCIKLKQVQSPPTETLGVENKGYFGDEQQIRTEPILPEIHFLNKPASKDSRGIA
 DPNQSAK

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

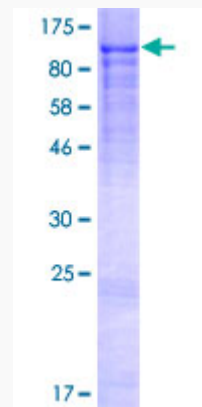
Gene Name	ADAM7 ADAM metalloproteinase domain 7 [Homo sapiens]
Official Symbol	ADAM7
Synonyms	ADAM7; ADAM metalloproteinase domain 7; a disintegrin and metalloproteinase domain 7; disintegrin and metalloproteinase domain-containing protein 7; EAPI; GP 83; epididymal apical protein I; sperm maturation-related glycoprotein GP-83; GP83; GP-83; ADAM 7; ADAM-7;
Gene ID	8756

mRNA Refseq [NM_003817](#)


Protein Refseq [NP_003808](#)

MIM [607310](#)


UniProt ID [Q9H2U9](#)



12.5% SDS-PAGE Stained with Coomassie Blue.

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