

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	MLPGCIFLMILLIPQVKEKFILGVEGQQLVRPKKLPLIQKRDTHDDILKTYEEELL YEIKLNRKTLVLHLLRSREFLGSNYSETFYSMKGAFTRHPQIMDHCFYQGSIVHEY DSAASISTCNGLRGFFRINDQRYLIEPVKYSDGEHLVFKYNLRVPYGANYSCTELNF TRKTVPGDNESEEDSKIKGIHDEKYVELFIVADDTVYRRNGHPHNKLRNRIWGMVNF VNMIYKTLNIHVTLVGIEIWTHEDKIELYSNIETTLRFSFWQEIKLTKRDFDHVVLLS GKWLYSHVQGISYPGGMCLPYYSTSIKDLLPDTNIIANRMAHQLGHNLMQHDFFP CTCPSGKCVMDSDGSIPALKFSKCSQNQYHQYLKDYKPTCMLNIPFPYNFHDFFQFC GNKKLDEGEECDGCPAQECTNPCCDAHTCVLKPFGFTCAEGECCESCQIKKAGSICR

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PAKDECDPFEMCTGHSPACPKDQFRVNGFPCKNSEGYCFMGKCPTREDQCSELF
DDEAIESHDICYKMNTKGNKFGYCKNKENRFLPCEEKDVRCGKIYCTGGELSSLLGE
DKTYHLKDPQKNATVKCKTIFLYHDSTDIGLVASGTKCGEGMVCNNGECLNMEKVYI
STNCPSQCENPNVDGHLQCHCEEQAPVACEETLHVTNITILVVVLVLVIVGIGVLIL
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

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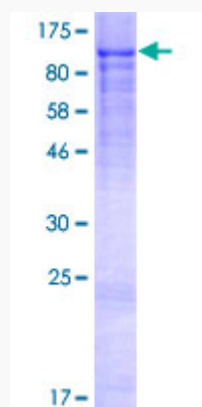
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mRNA Refseq NM_003817

Protein Refseq NP_003808

MIM 607310

UniProt ID Q9H2U9



12.5% SDS-PAGE Stained with Coomassie Blue.

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