

Recombinant Human ADAM11 Protein, GST-tagged

Cat. No. ADAM11-273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAM11 partial ORF (NP_002381, 230 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the ADAM (a disintegrin and metalloprotease) protein 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 encoded preproprotein is proteolytically processed to generate the mature protease. This gene represents a candidate tumor suppressor gene for human breast cancer based on its location within a minimal region of chromosome 17q21 previously defined by tumor deletion mapping. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016]
Molecular Mass	37.18 kDa
AA Sequence	GHPTVHSETKYVELIVINDHQLFEQMRQSVVLTSNFAKSVVNLADVITYKEQLNTRIVL VAMETWADGDKIQVQDDLLETLARLMVYRREGLPEPSDATHLFSGR
Applications	Enzyme-linked Immunoabsorbent Assay

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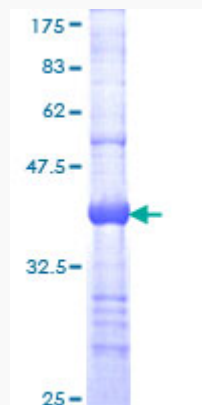
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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ADAM11 ADAM metallopeptidase domain 11 [Homo sapiens]
Official Symbol	ADAM11
Synonyms	ADAM11; ADAM metallopeptidase domain 11; a disintegrin and metalloproteinase domain 11 , MDC; disintegrin and metalloproteinase domain-containing protein 11; metalloproteinase like; disintegrin like; cysteine rich protein; ADAM 11; MDC;
Gene ID	4185
mRNA Refseq	NM_002390
Protein Refseq	NP_002381
MIM	155120
UniProt ID	O75078

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12.5% SDS-PAGE Stained with Coomassie Blue.

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