

# Recombinant Full Length Human ADAM15 Protein, GST-tagged

**Cat. No.** ADAM15-863HF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Human ADAM15 full-length ORF ( NP\_997074.1, 1 a.a. - 772 a.a.) recombinant protein with GST-tag at N-terminal.

### Species

Human

### Source

In Vitro Cell Free System

### ProteinLength

772 amino acids

### Description

The protein encoded by this gene is a member of the ADAM (a disintegrin and metalloproteinase) protein family. ADAM family members are type I transmembrane glycoproteins known to be involved in cell adhesion and proteolytic ectodomain processing of cytokines and adhesion molecules. This protein contains multiple functional domains including a zinc-binding metalloprotease domain, a disintegrin-like domain, as well as a EGF-like domain. Through its disintegrin-like domain, this protein specifically interacts with the integrin beta chain, beta 3. It also interacts with Src family protein-tyrosine kinases in a phosphorylation-dependent manner, suggesting that this protein may function in cell-cell adhesion as well as in cellular signaling. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

### Molecular Mass

110.1 kDa

### AA Sequence

MRLALLWALG LLGAGSPLPS WPLPNIGGTE EQQAESEKAP REPLEPQVLQ

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DDLPISLKKV LQTSLPEPLR IKLELDGDSH ILELLQNREL VPGRPTLVWY  
 QPDGTRVVSE GHTLENCYQ GRVRYAGSW VSICTCSGLR GLVVLTPERS  
 YTLEQQPGDL QGPPIISRIQ DLHLPGHTCA LSWRESVHTQ KPPEHPLGQR  
 HIRRRRDVVT ETKVELVIV ADHSEAQKYR DFQHLLNRTL EVALLDITFF  
 RPLNVRVALV GLEAWTQRDL VEISPNPAVT LENFLHWRRRA HLLPRLPHDS  
 AQLVTGTSFS GPTVGMAIQN SICSPDFSGG VNMDHSTSIL GVASSIAHEL  
 GHSLGLDHDHDL PGNSCPCPGP APAKTCIMEA STDFLPGLNF SNCSRRALEK  
 ALLDGMGSCL FERLPSLPPM AAFCGNMFVE PGEQCDCGFL DDCVDPCCDS  
 LTCQLRPGAQ CASDGPCCQN CQLRPSGWQC RPTRGDCDLP EFCPGDSSQC  
 PPDVSLGDGE PCAGGQAVCM HGRCASYAQQ CQSLWGPQAQ PAAPLCLQTA  
 NTRGNAFGSC GRNPSGSYVS CTPRDAICGQ LQCQTGRTQP LLGSIRDLLW  
 ETIDVNGTEL NCSWVHLDLG SDVAQPLLTL PGTACGPGLV CIDHRCQRVD  
 LLGAQECSRK CHGHGVCDN RHCYCEEGWA PPDCTTQLKA TSSLTTGLLL  
 SLLVLLVLM LGASYWYRAR LHQRLCQLKG PTCQYSLRGQ PSPHPQGSCH  
 LPTPRAGHR VTCPAQGLES RP

**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**

ADAM15 ADAM metallopeptidase domain 15 [ Homo sapiens ]

**Official Symbol**

ADAM15

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<b>Synonyms</b>	ADAM15; ADAM metallopeptidase domain 15; a disintegrin and metalloproteinase domain 15 (metargidin); disintegrin and metalloproteinase domain-containing protein 15; MDC15; metargidin; MDC-15; ADAM 15; metalloprotease RGD disintegrin protein; metalloproteinase-like, disintegrin-like, and cysteine-rich protein 15
<b>Gene ID</b>	<a href="#">8751</a>
<b>mRNA Refseq</b>	<a href="#">NM_003815</a>
<b>Protein Refseq</b>	<a href="#">NP_003806</a>
<b>MIM</b>	<a href="#">605548</a>
<b>UniProt ID</b>	<a href="#">Q13444</a>

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