

Recombinant Human ADAM15 Protein, GST-tagged

Cat. No. ADAM15-277H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAM15 partial ORF (AAH14566, 301 a.a. - 410 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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	37.73 kDa
AA Sequence	AQLVTGTSFSGPTVGMAIQNSICSPDFSGGVNMDHSTSILGVASSIAHELGHSLGLD HDLPGNSCPCPGPAPAKTCIMEASTDFLPGLNFSNCSRRALEKALLDGMGSCL
Applications	Enzyme-linked Immunoabsorbent Assay

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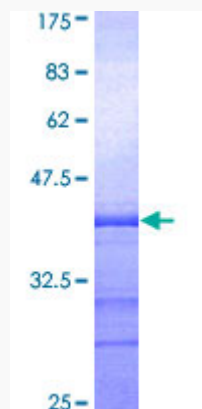
 45-1 Ramsey Road, Shirley, NY 11967, USA

	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	ADAM15 ADAM metallopeptidase domain 15 [Homo sapiens]
Official Symbol	ADAM15
Synonyms	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;
Gene ID	8751
mRNA Refseq	NM_003815
Protein Refseq	NP_003806
MIM	605548
UniProt ID	Q13444

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12.5% SDS-PAGE Stained with Coomassie Blue.

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