

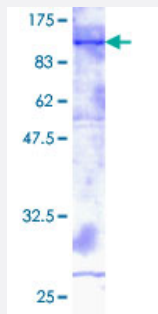
Full-Length

ADAM2 (Human) Recombinant Protein (P01)

Catalog # H00002515-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ADAM2 full-length ORF (AAH34957.1, 1 a.a. - 716 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MWRVLFLLSGLGGLRMDSNFDSLVPVQITVPEKIRSIIEGIESQASYKIMIEGKPYTVNLMQKNFLPH
NFRVYSYSGTGIMKPLDQDFQNFCHYQGYEGYPKSVMVSTCTGLRGVLQFENVSYGIEPLESSV
GFEHVIYQVKHKKADVSLYNEKDIESRDLSFKLQSVEYNHMGSDTTVVAQKVFQLIGLTNAIFVSFN
ITILSSLELWIDENKIATTGEANELHTFLRWKTSYLVLRPHDVAFLLVYREKSNNYVGATFQGMCD
ANYAGGVVLHPRTISLES LAVILAQLLSLSMGITYDDINKCQCSGAVCIMNPEAIHFSGVKIFSNCSE
EDFAHFISKQKSQCLHNQPRLDPFQKQAVCGNAKLEAGEECDGTEQDCALIGETCCDIATCR
FKAGSNCAEGPCCENCLFMSKERMCRPSFEEDCLPEYCNCGSSASCENHYVQTGHPCGLNQW
ICIDGVCMSGDKQCTDTFGKEVEFGPSECYSHLNSKTDVSGNCGISDSGYTQCEADNLQCGKLC
KYVGKFLQIPRATIIYANISGHLCAVEFASDHADSQKMWIKDGTSCGSNKVCRNQRCVSSSYLGY
DCTTDKCNDRGVCNNKKHCHCSASYLPPDCSVQSDLWPGGSIDSGNFPPVAIPARLPERRYENI
YHSPMRWPFLLFIPFFIIFCVLIAIMVKVNFQRKKWRTEYSSDEQPESESEPKG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

104.39

Interspecies Antigen Sequence

Mouse (59)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ADAM2

Entrez GeneID	2515
GeneBank Accession#	BC034957.1
Protein Accession#	AAH34957.1
Gene Name	ADAM2
Gene Alias	CRYN1, CRYN2, FTNB, PH-30b, PH30
Gene Description	ADAM metallopeptidase domain 2
Omim ID	601533
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) 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. This member is a subunit of an integral sperm membrane glycoprotein called fertilin, which plays an important role in sperm-egg interactions. [provided by RefSeq]

Other Designationsfertilin beta
