

Recombinant Human ADAM2 Protein, GST-tagged

Cat. No. ADAM2-279H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAM2 full-length ORF (AAH34957.1, 1 a.a. - 716 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 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. The encoded protein is a subunit of an integral sperm membrane glycoprotein called fertilin, which plays an important role in sperm-egg interactions. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2013]
Molecular Mass	104.39 kDa
AA Sequence	MWRVLFLLSGLGGLRMDSNFDSLVPVQITVPEKIRSIIEGIESQASYKIVIEGKPYTVN LMQKNFLPHNFRVYSYSGTGIMKPLDQDFQNFCHYQGYIEGYPKSVVMVSTCTGLR GVLQFENVSYGIEPLESSVGFEHVYQVKHKKADVSLYNEKDIESRDLSFKLQSVEYN HMGSDTTVVAQKVFQLIGLTNAIFVSFNITILSSLELWIDENKIATTGEANELHTFLR WKTSYLVLRPHDVAFLLVYREKSNYVGATFQGKMCDANYAGGVVLHPTISLES LA VILAQLLSLSMGITYDDINKCQCSGAVCIMNPEAIHFSGVKIFSNCSEDFAHFISKQK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

SQCLHNQPRLDPPFFKQQAVCGNAKLEAGEECDGTEQDCALIGETCCDIATCRFKA
 GSNCAEGPCCENCLFMSKERMCRPSFEEDLPEYCNGSSASCPENHYVQTGHPC
 GLNQWICIDGVCMMSGDKQCTDTFGKEVEFGPSECYSHLNSKTDVSGNCGISDSGYT
 QCEADNLQCGKLICKYVGKFLQIPRATIIYANISGHLCAVEFASDHADSQKMWIKDG
 TSCGSNKVCRNQRCVSSSYLGYDCTTDKCNDRGVCNNKKHCHCSASYLPPDCSV
 QSDLWPGGSIDSGNFPPVAIPARLPERRYIENIYHSPMRWPPFLFIPFFIIFCVLIAIM
 VKVNFQRKKWRTEYSSDEQPESESEPKG

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

ADAM2 ADAM metalloproteinase domain 2 [Homo sapiens]

Official Symbol

ADAM2

Synonyms

ADAM2; ADAM metalloproteinase domain 2; fertilin beta , FTNB; disintegrin and metalloproteinase domain-containing protein 2; cancer/testis antigen 15; CT15; PH 30b; PH30; PH-30; ADAM 2; PH30-beta; fertilin beta; fertilin subunit beta; FTNB; CRYN1; CRYN2; PH-30b;

Gene ID

2515

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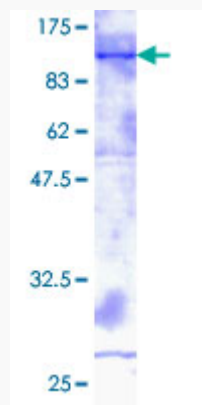
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mRNA Refseq [NM_001464](#)

Protein Refseq [NP_001455](#)

MIM [601533](#)

UniProt ID [Q99965](#)



12.5% SDS-PAGE Stained with Coomassie Blue.

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