Recombinant Full Length Human ADAM2 Protein

Cat. No. ADAM2-11HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ADAM2, isoform 2 with N terminal proprietary tag. Predicted MW 104.76 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	716 amino acids
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. This member is a subunit of an integral sperm membrane glycoprotein called fertilin, which plays an important role in sperm-egg interactions.
Form	Liquid
Molecular Mass	104.760kDa inclusive of tags
AA Sequence	MWRVLFLLSG LGGLRMDSNF DSLPVQITVP EKIRSIIKEG IESQASYKIV IEGKPYTVNL MQKNFLPHNF RVYSYSGTGI MKPLDQDFQN FCHYQGYIEG YPKSVVMVST CTGLRGVLQF ENVSYGIEPL ESSVGFEHVI YQVKHKKADV SLYNEKDIES RDLSFKLQSV EYNHMGSDTT VVAQKVFQLI GLTNAIFVSF

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	NITIILSSLE LWIDENKIAT TGEANELLHT FLRWKTSYLV LRPHDVAFLL VYREKSNYVG ATFQGKMCDA NYAGGVVLHP RTISLESLAV ILAQLLSLSM GITYDDINKC QCSGAVCIMN PEAIHFSGVK IFSNCSFEDF AHFISKQKSQ CLHNQPRLDP FFKQQAVCGN AKLEAGEECD CGTEQDCALI GETCCDIATC RFKAGSNCAE GPCCENCLFM SKERMCRPSF EECDLPEYCN GSSASCPENH YVQTGHPCGL NQWICIDGVC MSGDKQCTDT FGKEVEFGPS ECYSHLNSKT DVSGNCGISD SGYTQCEADN LQCGKLICKY VGKFLLQIPR ATIIYANISG HLCIAVEFAS DHADSQKMWI KDGTSCGSNK VCRNQRCVSS SYLGYDCTTD KCNDRGVCNN KKHCHCSASY LPPDCSVQSD LWPGGSIDSG NFPPVAIPAR LPERRYIENI YHSKPMRWPF FLFIPFFIIF CVLIAIMVKV NFQRKKWRTE DYSSDEQPES ESEPKG
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

GENE INFORMATION

Gene Name	ADAM2 ADAM metallopeptidase domain 2 [Homo sapiens]
Official Symbol	ADAM2
Synonyms	ADAM2; ADAM metallopeptidase domain 2; fertilin beta , FTNB; disintegrin and metalloproteinase domain-containing protein 2; cancer/testis antigen 15; CT15; PH 30b; PH3
Gene ID	2515

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mRNA Refseq	NM_001464
Protein Refseq	NP_001455
MIM	601533
UniProt ID	Q99965

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