

Product datasheet for **TP320941**

ADAM11 (NM_002390) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ADAM metallopeptidase domain 11 (ADAM11), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC220941 representing NM_002390

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MRLRRWAF AALLSLLPTPLGLTQGPAGALRWGGLPQLGGPGAPEVTEPSRLVRESSGGGEVRKQQLDTR
VRQEPGGPPVHLAQVSFVPAFNSNFTLDLELNHLLSSQYVERHFSREGTTQHSTGAGDHCYYQGKLR
GNPHSFAALSTCQGLHGVSFDGNTLYIVPEQEVAGPWGAPQGPLPHLIYRTPLLPDLGCREPGCLFAVP
AQSAPPNRRLRRKRQVRRGHPTVHSETKYVELIVINDHQLFEQMRQSVLTSNFAKSVNLDADVIYKEQ
LNTRIVLVAMETWADGDKIQVQDDLLETARLMVYRREGLPEPSDATHLFSGRTRFQSTSSGAAYVGGICS
LSHGGGVNEYGNMGAMAVTLAQLGQNLGMMWNKHRSSAGDCKCPDIWLGCIMEDTGFYLPKRFSRCSID
EYNQFLQEGGGSCLFNKPLKLLDPPECGNGFVEAGEECDGCSVQEQCSRAGGNCKKCTLTHDAMCSDGLC
CRRCKYEPGRVSCREAVNECDIAETCTGDSSQCPPNLHKLDGGYCDHEQGRCYGGRCRTRDRQCQVLWGH
AAADRFCYEKLNVEGTERGSCGRKGSWVQCSKQDVLGFLLCVNISGAPRLGDLVGDISSVTFYHQGKE
LDCRGGHVQLADGSDLSYVEDGTACGPNMLCLDHRCLPASAFNFSTCPGSGERRICSHHGVCNNEGKIC
QPQDWTGKDCSIHNPLPTSPPTGETERYKGPSGTNIIIGSIAGAVLVAAIVLGGTGWGFKNIRGRSGGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 83.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.



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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_002381](#)

Locus ID: 4185

UniProt ID: [O75078](#)

RefSeq Size: 4402

Cytogenetics: 17q21.31

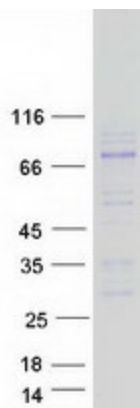
RefSeq ORF: 2307

Synonyms: MDC

Summary: This gene encodes a member of the ADAM (a disintegrin and metalloprotease) protein 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 preproprotein is proteolytically processed to generate the mature protease. This gene represents a candidate tumor suppressor gene for human breast cancer based on its location within a minimal region of chromosome 17q21 previously defined by tumor deletion mapping. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified ADAM11 protein (Cat# TP320941). The protein was produced from HEK293T cells transfected with ADAM11 cDNA clone (Cat# [RC220941]) using MegaTran 2.0 (Cat# [TT210002]).