

Product datasheet for **TP310679L**

FAM120A (NM_014612) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 120A (FAM120A), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210679 protein sequence Red =Cloning site Green =Tags(s)

MGVQGFQDYIEKHCPSAVVPVELQKLARGSLVGGGRQRPPQTPLRLLVDADNCLHRLYGGFYTDWVSGG
Q
WNHMLGYLAALAKACFGGNIELFVFFNGALEKARLHEWVKRQGNERQTAQQIVSHVQNKGTPPPKVWF
LP
PVCMAHCIRLALIRFHVKVAQSIEDHHQEIVGFCRENGFHLVAYDSYALCNIPYYFSAHALKLSRNGK
SLTTSQYLMHEVAKQLDLNPNRFPIFAALLGNHILPDEDLASFHWSLLGPEHPLASLKVRAHQVLPPCD
VVIKAVADYVRNIQDTSDLDAIAKDFVQHSQSRTDDKVIRFKRAIGYYSATSKPMSFHPHYLAARPGPF
GMPGMVPPHVPPQMLNIPQTSLQAKPVAPQVPSGGAPGQGPYPYSLSEAPLTLDTSGKNLTEQNSYS
N
IPHEGKHTPLYERSSPINPAQSGSPNHVDSAYFPGSSTSSSSDNDEGSGGATNHISGNKIGWEKTGSHSE
PQARGDPGDQTKAEGSSTASSGSQLAEGKGSQMGTVPQIPCLLSMPTRNHMDITTPPLPPVAPEVLRVAE
HRHKGLMYPYIFHVLTKGEIKIAVSIEDEANKDLPPAALLYRPVRQYVYGVLFSLAESRKKTERLAFRK
NRLPPEFSPVIIKEWAAYKGKSPQTPELVEALAFREWTCPNLKRLWLKAVEDKNRRMRFLACMRSDTP
AMLNPANVPTHLMVLCVLRVMVQWPGARILRRQELDAFLAQALSPKLYEPDQLQELKIENLDPRGIQLS
ALFMSGVDMALFANDACGQPIPWEHCCPWWMYFDGKLFQSKLLKASREKTPLIDLCDGQADQAAKVEKM
RQ
SVLEGLSFSRQSHTLPFPPPPALPFYPASAYPRHFGPVPPSQGRGRGFAGVCGFGGPYGETVATGPYRAF
RVAAASGHCGAFSGSDSRTSKSQGGVQPIPSQGGKLEIAGTVVGHWAGSRRGRGRGPFLQVSVGG
P
ARGRPRGVISTPVIRTFGRGGRYGRGYKNQAAIQGRPPYAASAEVAKELKSKSGESKSSAMSSDGLA
ENGVM AEKPAPQMNGSTGDARAPSHSESALNNDSKTCNTNPHLNALSTDSACRREAALEAAVLNKEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

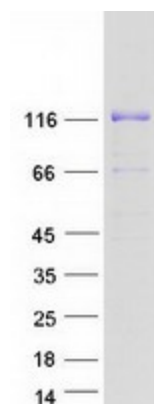
Tag:	C-Myc/DDK
Predicted MW:	121.7 kDa



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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.
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_055427
Locus ID:	23196
UniProt ID:	Q9NZB2
RefSeq Size:	5164
Cytogenetics:	9q22.31
RefSeq ORF:	3354
Synonyms:	C9orf10; HBVPTPAP; OSSA
Summary:	May participate in mRNA transport in the cytoplasm (By similarity). Critical component of the oxidative stress-induced survival signaling. Activates src family kinases and acts as a scaffolding protein enabling src family kinases to phosphorylate and activate PI3-kinase. Binds RNA and promotes the secretion of IGF-II. May play a pivotal role in the progression of scirrhou-type gastric cancer by supporting cancer cell survival in environments with various oxidative stresses.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified FAM120A protein (Cat# [TP310679]). The protein was produced from HEK293T cells transfected with FAM120A cDNA clone (Cat# [RC210679]) using MegaTran 2.0 (Cat# [TT210002]).