

Product datasheet for PH310679

FAM120A (NM_014612) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAM120A MS Standard C13 and N15-labeled recombinant protein (NP_055427)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210679
Predicted MW:	121.9 kDa
Protein Sequence:	>RC210679 protein sequence Red=Cloning site Green=Tags(s)

MGVQGFQDYIEKHCPASVVPVELQKLARGSLVGGGRQRPQTPLRLLVDADNCLHRLYGGFYTDWVSGGQ
WNHMLGYLAALAKACFGGNIELFVFFNGALEKARLHEWVKRQGNERTAQQIVSHVQNKGTPPPQVWFLP
PVCMAHCIRLALIRFHVKVAQSIEDHHQEVIGFCRENGFHGLVAYDSYALCNIPYYFSAHALKLSRNGK
SLTTSQYLMHEVAKQLDLNPNRFPIFAALLGNHILPDEDLASFHWSLLGPEHPLASLKVRAHQVLPPCD
VVIKAVADYVRNIQDTSDLDAIAKDVVFQHSQSRTDDKVIKRAIGYYSATSKPMSFHPPHYLAARPGPF
GMPGMVPPHPPQMLNIPQTSLQAKPVAPQVSPGGAPGQGPYPYSLSEPAPLTLDTSKGNL TEQNSYSN
IPHEGKHTPLYERSSPINPAQSGSPNHVDSAYFPGSSTSSSSDNDDESGGATNHSNGKIGWEKTGSHSE
PQARGDPGDQTKAEGSSTASSGSQLAEGKGSQMGTVPQIPCLLSMPTRNHMDITTPPLPPVAPEVLRVAE
HRHKKGLMYPYIFHVLTKGEIKIAVSIIDEANKDLPPAALLYRQYVYVGVLFSLAESRKKTERLAFRK
NRLPPEFSPVIIKEWAAYKPKSPQTPPELVEALAFREWTCPNLKRLWL GKAVEDKNRRMRAFLACMRSDTP
AMLNANVPVTHLMVLCCLRYMVQWPGARILRRQELDAFLAQALSPKLYEPDQLQELKIENLDPRGIQLS
ALFMSGVDMALFANDACGQPIPWEHCCPWWYFDGKLFQSKLLKASREKTPIDLCDGQADQAAKVEKMRQ
SVLEGLSFSRQSHLPPPPPPALPFYASAYPRHFGPVPPSQGRGRGFAGVCGFGGPPYGETVATGPYRAF
RVAAASGHCGAFSGSDSRTSKSQGGVQPIPSQGGKLEIAGTVVGHWAGSRRGRGRGPFPLQVVSVGGP
ARGRPRGVI STPVIRTFGRGGYYGRGYKNQAAIQGRPPYAASAEVAKELKSKSGESKSSAMSSDGLA
ENGVMAEEKPAPQMNGSTGDARAPSHSESALNNSKTCNTNPHLNLSTDSACRREAALAAVLNKEE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

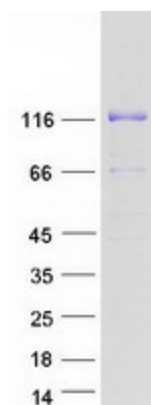
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



[View online »](#)

Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055427
RefSeq Size:	5164
RefSeq ORF:	3354
Synonyms:	C9orf10; HBVPTPAP; OSSA
Locus ID:	23196
UniProt ID:	Q9NZB2
Cytogenetics:	9q22.31
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 scirrhous-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]).