

Product datasheet for TP319638

FAM123A (AMER2) (NM_199138) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 123A (FAM123A), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219638 representing NM_199138 Red =Cloning site Green =Tags(s)

METSRSRGGGGAVSERGGAGASVGVCRKAEAGAGTGTLAADMDLHCDCAAETPAAEPPSGKINKAAFKL
FKKRKSGGTMP SIFGVKNKGDGKSSGPTGLVRSRTHDGLAEVLVLESGRKEEPRGGGDSGGGGGRPNPG
PPRAAGPGGGSLASSVAKSHSFFSLLKKNRSENGKGEVDASKAGGKQKRGLRGLFSGMRWHRKDKRA
KAEAAEGRAPGGGLILPGSLTASLECVKEETPRAAREPEEPSQDAPRDPAGCGDIADQEEEAGPSCDKH
VPGPGKPALSKKNPGVWAYQGGGEEMASPDEVD DTYLQEFWDMLSQTEEQGPEPQEGAAKVAAALETQV
PETPKDTRCVEAAKDASSVKRRRLNRIPIEHPKPEPKHPEKEQEGV PNSDEGYWDSTTPGPEEDSSSS
GKKAGIPRDSYSGDALYDLYADPDGSPATLPGGKDNEETSSLSRLKPVSPGTITCPLRTPGSLKDKSKIP
ISIKHLTNLPSSHPVVHQQPSRSEMPRTKIPVSKVLVRRVSNRGLAGTTIRATACHDSAKKL

SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

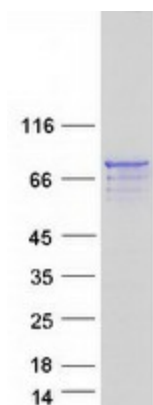
Tag:	C-Myc/DDK
Predicted MW:	57.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_954589
Locus ID:	219287
UniProt ID:	Q8N7J2 , Q8N7J2-2
RefSeq Size:	2841
Cytogenetics:	13q12.13
RefSeq ORF:	1656
Synonyms:	FAM123A
Summary:	Negative regulator of the canonical Wnt signaling pathway involved in neuroectodermal patterning. Acts by specifically binding phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P ₂), translocating to the cell membrane and interacting with key regulators of the canonical Wnt signaling pathway, such as components of the beta-catenin destruction complex. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified AMER2 protein (Cat# TP319638). The protein was produced from HEK293T cells transfected with AMER2 cDNA clone (Cat# [RC219638]) using MegaTran 2.0 (Cat# [TT210002]).