

Product datasheet for TP306953M

UNC45A (NM_001039675) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human unc-45 homolog A (C. elegans) (UNC45A), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206953 protein sequence Red=Cloning site Green=Tags(s)

MTASSVEQLRKEGNELFKCGDYGGALAAYTQALGLDATPQDQAVLHRNRAACHLKLEDYDKAETEASKAI
EKDGGDVKALYRRSQALEKLGRLDQAVLDLQRCVSLPKNKVFQEALRNIGGGIQEKVRYMSSTDAKVEQ
MFQILLDPEEKGTEKKQKASQNLVVLAREDAEAKIFRSNGVQLLQRLDMGETDLMLAALRTLVCICSE
HQSRTVATLSILGTRRVVSILGVESQAVSLAACHLLQVMFDALKEGVKKGFRGKEGAIIVDPARELKVLI
SNLLDLLTEVGVSGQGRDNALLLIKAVPRKSLKDPNNSLTLWVIDQGLKKILEVGGSLQDPPGELAVTA
NSRMSASILLSKLFDDLKCAERENFHRLCENYIKSWFEGQGLAGKLRAIQTVSCLLQGPCDAGNRALEL
SGVMESVIALCASEQEEELVAVEALHAAGKAKRASFITANGVSLLDLYKCSEKDSIRIRALVGLCKL
GSAGGTDFSMKQFAEGSTLKLAKQCRKWLCNDQIDAGTRRWAVEGLAYLTFDADVKEEFVEDAAALKALF
QLSRLEERSVLFVAVASALVNCTNSYDYEEDPKMVELAKYAKQHVPEQHPKDKPSFVRARVKKLLAAGVW
SAMVCMVKTESPVLTSRELLSRVFLALVEEVEDRGTVVAQGGGRALIPLALEGTDVVGQTAAQALAKL
TITSNPEMTFPGERIYEVVRPLVSLHLNCSGLQNFEALMALTNLGASERLRQKILKEKAVPMIEGYMF
EEHEMIRRAATECMCNLAMSKEVQDLFEAQGNDRLLKLLVLYSGEDDELLQRAAAGGLAMLTSMRPTLCSR
IPQVTTHWLEILQALLSSNQELQHRGAVVVLNMVEASREIASTLMESEMMEILSVLAKGDHSPVTRAAA
ACLDKAVEYGLIQPNQDGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

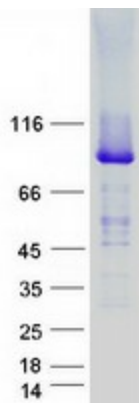
Tag:	C-Myc/DDK
Predicted MW:	101.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_001034764
Locus ID:	55898
UniProt ID:	Q9H3U1
RefSeq Size:	4035
Cytogenetics:	15q26.1
RefSeq ORF:	2787
Synonyms:	GC-UNC45; GCUNC-45; GCUNC45; IRO039700; OOHE; SMAP-1; SMAP1; UNC-45A
Summary:	This gene encodes a regulatory component of the progesterone receptor/heat shock protein 90 chaperoning complex, which functions in the assembly and folding of the progesterone receptor. The encoded protein is thought to be essential for normal cell proliferation, and for the accumulation of myosin during development of muscle cells. [provided by RefSeq, Sep 2018]

Product images:



Coomassie blue staining of purified UNC45A protein (Cat# [TP306953]). The protein was produced from HEK293T cells transfected with UNC45A cDNA clone (Cat# [RC206953]) using MegaTran 2.0 (Cat# [TT210002]).