

## Product datasheet for TP306953L

### 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, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206953 protein sequence Red=Cloning site Green=Tags(s)

MTASSVEQLRKEGNELFKCGDYGGALAAAYTQALGLDATPQDQAVLHRNRAACHLKLEDYDKAETEASKAI  
EKDGGDVKALYRRSQALEKLGRLDQAVLDLQRCVSLPKNKVFQALRNIGGGIQEKVRYMSSTDAKVEQ  
MFQILLDPEEKGTEKKQKASQNLVVLAREDAEAKIFRSNGVQLLQRLDMGETDLMLAALRTLVCICSE  
HQSRTVATLSILGTRRVVSILGVESQAVSLAACHLLQVMFDALKEGVKKGFRGKEGAIIVDPARELKVLI  
SNLLDLLTEVGVSGQGRDNALLLIKAVPRKSLKDPNNSLTLWVIDQGLKKILEVGGSLQDPPGELAVTA  
NSRMSASILLSKLFDDLKCAERENFHRLCENYIKSWFEGQGLAGKLRAIQTVSCLLQGPCDAGNRALEL  
SGVMESVIALCASEQEEELVAVEALHAAGKAKRASFITANGVSLLDLYKCEKDSIRIRALVGLCKL  
GSAGGTDFSMKQFAEGSTLKLAKQCRKWLCNDQIDAGTRRWAVEGLAYLTFDADVKEEFVEDAAALKALF  
QLSRLEERSVLFVAVASALVNCTNSYDYEEDPKMVELAKYAKQHVPEQHPKDKPSFVRARVKKLLAAGVW  
SAMVCMVKTESPVLTSRELLSRVFLALVEEVEDRGTVVAQGGGRALIPLALEGTDVVGQTAAQALAKL  
TITSNPEMTFPGERIYEVVRPLVSLHLNCSGLQNFEALMALTNLGASERLRQKILKEKAVPMIEGYMF  
EEHEMIRRAATECMCNLAMSKEVQDLFEAQGNDRLLKLLVLYSGEDDELLQRAAAGGLAMLTSMRPTLCSR  
IPQVTTHWLEILQALLSSNQELQHRGAVVVLNMVEASREIASTLMESEMMEILSVLAKGDHSPVTRAAA  
ACLDKAVEYGLIQPNQDGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

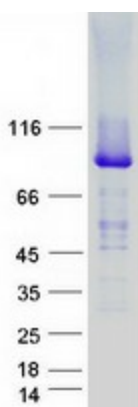
Tag:	C-Myc/DDK
Predicted MW:	101.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001034764</a>
<b>Locus ID:</b>	55898
<b>UniProt ID:</b>	<a href="#">Q9H3U1</a>
<b>RefSeq Size:</b>	4035
<b>Cytogenetics:</b>	15q26.1
<b>RefSeq ORF:</b>	2787
<b>Synonyms:</b>	GC-UNC45; GCUNC-45; GCUNC45; IRO039700; OOHE; SMAP-1; SMAP1; UNC-45A
<b>Summary:</b>	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]).