

Product datasheet for TP511271

Unc45a (NM_133952) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse unc-45 myosin chaperone A (Unc45a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211271 representing NM_133952 Red=Cloning site Green=Tags(s)

MTVSGPETPEPRSPDPGASSAEQLRKEGNELFKCGDYEGALTAYTQALSLGATPQDQAILHRNRAACHLK
LEDYSKAESEASKAIEKDGGDVKALYRRSQALEKLGRLDQAVLDLKRCSLEPKNKVFQESLRNIGGGIQ
EKVRYMSSTDAKVEQMFQILLDPKEKGTEKKQKASQNLVVLAREDAGAEIFRSNGVQLLQRLDTEETD
LMLAALRTLVGICSEHQSRVATLSVLGTRRVVSVILGVENQAVSLAACHLLQVIFDALKEGVKKGFRGKE
GAIIVDPARELKVLIINSLELLTEVGVSGQGRDNALLLIKMVPRKSPKDPNNSLTLWVIDQGLKKILEV
GGSLQDAAGELTVTANSRMSASILLSKLFDDLKCDARENFHRLCENYIRNWFEGHGLAGKLRAIQTVSC
LLQGPCDAGNRALELSGVMESVIALCASEREEQLVAVEALHAAGKAKRASFITANGVSLKLDLYKGE
RDSIRIRALVGLCKLGSAGGTDFSMKQFAEGSTLKLAKQCRKWLCNDQIDAGTRRWAVEGLAYLTFDADV
KEEFVEDEAALKALFQLSRSEERSVLFVAVGSALVNCTNSYDYEEPDKMVELAKYAKQHVPEQHPKDKPS
FVRARVKKLLAAGVVSAMTCMVKTESVLTNSCRELLSRVFLALVEEVEDRGTVVAQGGGKALLPLALEG
TDVGQTKAAQALAKLTITSNPEMTFPGERIYEVVRPLVSLHLSCSGLQNFALMALTNLAGISERLRQK
ILKEKAVPMIEGYMFEEHEMIRRAATECMCNLAMSKEVQDLFEAQGNDRKLLVLYSGEDDELLRRAAAG
GLAMLTSMRPALCSRIQVTTWWLEILQALLSPNQELQHRGTVVVNLNMMQSSKEIAGTLMSEVLEILS
VLAKGEESPVTRAAAACLEKAVEYRLIQPNQDGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	103.9 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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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 after receiving vials.
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_598713
Locus ID:	101869
UniProt ID:	Q99KD5
RefSeq Size:	3285
Cytogenetics:	7 D2
RefSeq ORF:	2832
Synonyms:	AW538196
Summary:	May act as co-chaperone for HSP90 (Potential). Prevents the stimulation of HSP90AB1 ATPase activity by AHSA1. Positive factor in promoting PGR function in the cell (By similarity). May be necessary for proper folding of myosin (Potential). Necessary for normal cell proliferation. Necessary for normal myotube formation and myosin accumulation during muscle cell development. May play a role in erythropoiesis in stroma cells in the spleen.[UniProtKB/Swiss-Prot Function]