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Product datasheet for PH306085

DDX55 (NM_020936) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DDX55 MS Standard C13 and N15-labeled recombinant protein (NP_065987)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206085
Predicted MW:	68.5 kDa
Protein Sequence:	>RC206085 protein sequence Red=Cloning site Green=Tags(s) MEHVTEGSWESLPVPLHPQVLGALRELGFPYMTPVQSATIPLFMRNKDVAAEAVTGSGKTLAFVIPILEI LLRREEKLKKSQVGAIIITPTRELAIQIDEVLSHFTKHFPEFSQILWIGGRNPGEDVERFKQQGGNIIVA TPGRLEDLFRRKAEGLDLASCVRSLDVLVLDEADRLLDMGFEASINTILEFLPKQRRTGLFSATQTQEVE NLVRAGLRNPVRVSVKEKGVAASSAQKTPSRLENYYMVCKADEKFNQLVHFLRNHKQEKHLVFFSTCACV EYYGKTLEVLVKGVKIMCIHGKMKYKRNKIFMEFRKLQSGILVCTDVMARGIDIPEVNWVLQYDPPSNAS AFVHRCGRTARIGHGGSALVFLLPMEESYINFLAINQKCPLQEMKPQRNTADLLPKLKSMALADRAVFEK GMKAFVSYVQAYAKHECNLIFRLKDLDFASLARGFALLRMPKMPELRGKQFPDFVPVDVNTDTIPFKDKI REKQRQKLLEQQRREKTENEGRRKFIKNKAWSKQKAKKEKKKKMNEKRKREEGSDIEDEDMEELLNDTRL LKKLKKGKITEEEFEKGLLTTGKRTIKTVDLGISDLEDGC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
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_065987
RefSeq Size:	2638
RefSeq ORF:	1800

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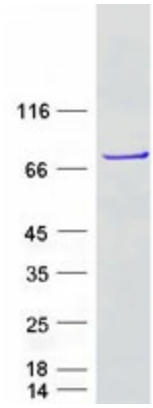
Locus ID: 57696

UniProt ID: Q8NHQ9, A0A024RBS0

Cytogenetics: 12q24.31

Summary: This gene encodes a member of protein family containing a characteristic Asp-Glu-Ala-Asp (DEAD) motif. These proteins are putative RNA helicases, and may be involved in a range of nuclear processes including translational initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Multiple alternatively spliced transcript variants have been found for this gene. Pseudogenes have been identified on chromosomes 1 and 12. [provided by RefSeq, Feb 2016]

Product images:



Coomassie blue staining of purified DDX55 protein (Cat# [TP306085]). The protein was produced from HEK293T cells transfected with DDX55 cDNA clone (Cat# [RC206085]) using MegaTran 2.0 (Cat# [TT210002]).