

## Product datasheet for PH308769

### DDX1 (NM\_004939) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DDX1 MS Standard C13 and N15-labeled recombinant protein (NP_004930)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208769
Predicted MW:	82.4 kDa
Protein Sequence:	>RC208769 protein sequence Red=Cloning site Green=Tags(s)
	MAAFSEMGMPEIAQAVEEMDWLLPTDIAESIPLILGGDVLMAAETGSGKTGAFSIPVIQIVYETLKD QQEGKKGKTTIKTGASVLNKWQMNPYDRGSAFAIGSDGLCCQSREVKWEGCRATKGLMKGKHYYEVSCH DQGLCRVWSTMQASLDLGTDFGFGGGTGKSHNKQFDNYGEEFTMHDITIGCYLDIDKGHVKFSKNGK DLGLAFEIPPHMKNQALFPACVLKNAELKFNFGEEEFKFPKDGVALSKAPDGYIVKSQHSNGAQTQT KFLPNAPKALIVEPSRELAEQTLNNIKQFKKYIDNPKLRELLIIGGVAARDQLSVLENGVDIVVGTGPRG DDL VSTGKLNLSQVRFLVLDEADGLLSQGYSDFINRMHNQIPQVTS DGKRLQVIVCSATLHSDVKKLSE KIMHFPTWVDLKGEDSVPDVTVHHVVPVNPKTDRLEWRLGKSHIRTDVHAKDNTRPGANSPMWEAIAIK ILKGEYAVRAIKEHKMDQAIIFCRKIDCDNLEQYFIQQGGGPKKGGHGFSCVCLHGDRKPKHERKQNLER FKKGDVRFLLICTDVAARGIDIHGVPYVINVTLPDEKQNYVHRIGRVGRAERMGLAISLVATEKEKVWYHV CSSRGKGCYNTRLKEDGGCTIWNEMQLLSEIEEHLNCTISQVEPDIKVPVDEFDGVKVTYQKRAAGGGS YKGHVDILAPTVQELAALAEKAQTSFLHLGYLPNQLFRTF
	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:	<a href="#">NP_004930</a>



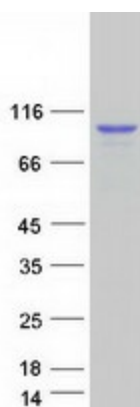
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RefSeq Size:	2755
RefSeq ORF:	2220
Synonyms:	DBP-RB; UKVH5d
Locus ID:	1653
UniProt ID:	<a href="#">Q92499</a> , <a href="#">A3RJH1</a>
Cytogenetics:	2p24.3

**Summary:** DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein of unknown function. It shows high transcription levels in 2 retinoblastoma cell lines and in tissues of neuroectodermal origin. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified DDX1 protein (Cat# [TP308769]). The protein was produced from HEK293T cells transfected with DDX1 cDNA clone (Cat# [RC208769]) using MegaTran 2.0 (Cat# [TT210002]).