

Product datasheet for PH300944

PAXX (NM_183241) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C9orf142 MS Standard C13 and N15-labeled recombinant protein (NP_899064)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200944
Predicted MW:	21.6 kDa
Protein Sequence:	>RC200944 protein sequence Red=Cloning site Green=Tags(s) MDPLSPPLCTLPPGPEPPRFVVCYCEGEESGEGDRGGFNLVYTDAAELWSTCFTPDLSLAALKARFGLSAAE DITPRFRAACEQQAVALTQEDRASLTLSGGPSALAFDLKVPVGPPEAAPRLRALTLGLAKRVWSLERRLA AAEETAVSPRKSPPAGPQLFLPDPDPRGGPGVRRRCPGESLINPGFKSKKPAGGVDFDET SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_899064
RefSeq Size:	851
RefSeq ORF:	612
Synonyms:	C9orf142; XLS
Locus ID:	286257
UniProt ID:	Q9BUH6

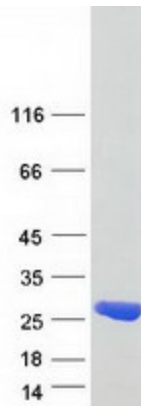


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Cytogenetics: 9q34.3

Summary: The protein encoded by this gene plays a role in the nonhomologous end joining (NHEJ) pathway of DNA double-strand break repair. The encoded protein may function to stabilize the Ku70/Ku80 heterodimer to facilitate the assembly and maintain the stability of the NHEJ complex. [provided by RefSeq, Jul 2016]

Product images:



Coomassie blue staining of purified PAXX protein (Cat# [TP300944]). The protein was produced from HEK293T cells transfected with PAXX cDNA clone (Cat# [RC200944]) using MegaTran 2.0 (Cat# [TT210002]).