

## Product datasheet for **TP300944L**

### **PAXX (NM\_183241) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 9 open reading frame 142 (C9orf142), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200944 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MDPLSPPLCTLPPGPEPPRFVFCYCEGEESGEGDRGGFNLYVTDAELWSTCFTPDSLAAALKARFGLSAAE DITPRFRAACEQQAVALTQEDRASLTLSGGPSALAFDLSKVPGEAAPRLRALTLGLAKRVWSLERRLA AAEETAVSPRKSPRPAGPQLFLPDPDPQRRGGPGVRRRCPGESLINPGFKSKKPAGGVDFDET
	<b>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	21.5 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<a href="#">NP_899064</a>
Locus ID:	286257
UniProt ID:	<a href="#">Q9BUH6</a>
RefSeq Size:	851



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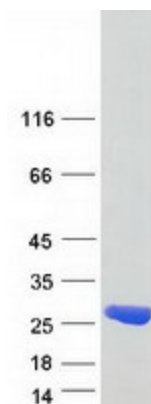
Cytogenetics: 9q34.3

RefSeq ORF: 612

Synonyms: C9orf142; XLS

**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]).