Recombinant Human PAXX Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PAXX-2730H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C9orf142 MS Standard C13 and N15-labeled recombinant protein (NP_899064) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	21.6 kDa
AA Sequence	MDPLSPPLCTLPPGPEPPRFVCYCEGEESGEGDRGGFNLYVTDAAELWSTCFTPD SLAALKARFGLSAAEDITPRFRAACEQQAVALTLQEDRASLTLSGGPSALAFDLSKV PGPEAAPRLRALTLGLAKRVWSLERRLAAAEETAVSPRKSPRPAGPQLFLPDPDPQ RGGPGPGVRRRCPGESLINPGFKSKKPAGGVDFDETSGPTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PAXX PAXX non-homologous end joining factor [Homo sapiens (human)]
Official Symbol	PAXX
Synonyms	PAXX; PAXX non-homologous end joining factor; XLS; C9orf142; protein PAXX; XRCC4-like small protein; paralog of XRCC4 and XLF
Gene ID	286257
mRNA Refseq	NM_183241
Protein Refseq	NP_899064
MIM	616315
UniProt ID	Q9BUH6

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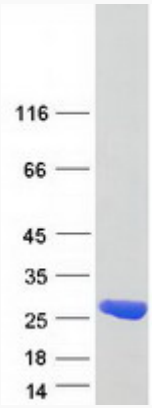
SDS-PAGE	

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