

Product datasheet for **TP502143**

Paxx (NM_153557) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse non-homologous end joining factor (Paxx), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202143 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAPLLSLPLCILPPGSGSPRLVCYCERDSGGDGRDDFNLYVTDAELWSTCFSPDSLARLKARFGLSG AEDIHSRFRAACQQQAVTVSLQEDRALITLSGDTPALAFDLSKVPSPEAAPRLQALTLSLAEHVCNLERR LAAAEETITSPKKNTQPAGTQFLPELDHQRGSSGPGVRRRCPGESLINPGFKSKPAAGVDFDET</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	22 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
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 after receiving vials.
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:	NP_705785
Locus ID:	227622
UniProt ID:	Q8K0Y7
RefSeq Size:	997
Cytogenetics:	2 A3



[View online »](#)

RefSeq ORF: 618

Synonyms: D930050G13Rik; Paxx

Summary: Involved in non-homologous end joining (NHEJ), a major pathway to repair double-strand breaks in DNA. May act as a scaffold required to stabilize the Ku heterodimer, composed of XRCC5/Ku80 and XRCC6/Ku70, at DNA ends and thus promote assembly and/or stability of the NHEJ machinery at double-strand break sites.[UniProtKB/Swiss-Prot Function]