

Product datasheet for **TP505145**

Pax9 (NM_011041) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse paired box 9 (Pax9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205145 protein sequence Red =Cloning site Green =Tags(s)
	MEPAFGEVNQLGGVFNVRPLPNAIRLRIVELAQLGIRPCDISRQLRVSHGCVSKILARYNETGSILPGA IGGSKPRVTTPTVVKHIRTYKQRDPGIFAWEIRDRLADGVCDKYNVPSVSSIRILRNKIGNLAQQGHY DSYKQHQPAPQPALPYNHIYSYSPITAAAANKVPTPPGVPAIPGSVALPRTWPSSHSVTDILGIRSITDQ GVSDSSPYHSPKVEEWSSLGRNNFPAAAPHAVNGLEKGALEQEAQYQAPNGLPAVSSFSASSMAPYPT PAQVSPYMTYSAAPSGYVAGHWQHAGSTPLSPHNCDIPASLAFKGMQAAREGSHSVTASAL
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	36.4 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_035171
Locus ID:	18511
UniProt ID:	P47242 , Q3V1K1



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RefSeq Size: 2574

Cytogenetics: 12 24.53 cM

RefSeq ORF: 1029

Synonyms: Pax; Pax-9

Summary: This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. Mice lacking this gene exhibit impaired development of organs, musculature and the skeleton, including absent and abnormally developed teeth, and neonatal lethality. Mutations in the human gene are associated with selective tooth agenesis-3. [provided by RefSeq, Sep 2015]