

Product datasheet for **TP507750**

Pax3 (NM_001159520) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse paired box 3 (Pax3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207750 representing NM_001159520 Red =Cloning site Green =Tags(s)

MTTLGAVPRMMRPGPGQNYPRSGFPLEVSTPLGQGRVNQLGGVFINGRPLPNHIRHKIVEMAHHGIRPC
VISRQLRVSHGCVSKILCRYQETGSIRPGAIGGSKPKQVTPDVEKKIEEYKRENPGMFWEIRDKLLKD
AVCDRNTVPSVSSIRLRSKFGKGEEEEADLERKEAESEKKAKHSIDGILSERASAPQSDEGSDIDSE
PDLPLKRKQRRSRTTFTAEQLEELERAFERTHYDPTREELAQRAKLTARVQVWFSNRRARWRKQAGA
NQLMAFNHLIPGGFPPTAMPTLPTYQLSETSYQPTSIPQAVSDPSSTVHRPQLPPSTVHQSTIPSNADS
SSAYCLPSTRHGFSYTDVFPSPGSPNPMNPTIGNGLSPQVMGLLTNHGGVPHQPQTDYALSPLTGGLE
PTTVSASCSQRLEHMKNVDSLPTSQPYCPPTYSTAGYSMDPVTGYQYGQYQSAFHLYKPDIA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	53.9 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:	<u>NP_001152992</u>
Locus ID:	18505



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UniProt ID: [P24610](#), [Q8BRF1](#), [Q3TZM4](#)

RefSeq Size: 3376

Cytogenetics: 1 39.79 cM

RefSeq ORF: 1452

Synonyms: Pax-3; Sp; Splchl2; splotch

Summary: Transcription factor that may regulate cell proliferation, migration and apoptosis. Involved in neural development and myogenesis. Transcriptional activator of MITF, acting synergistically with SOX10 (By similarity).[UniProtKB/Swiss-Prot Function]