

## Recombinant Mouse Pax5 Protein, Myc/DDK-tagged

Cat. No. Pax5-4686M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length paired box 5 (Pax5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	May play an important role in B-cell differentiation as well as neural development and spermatogenesis. Involved in the regulation of the CD19 gene, a B-lymphoid-specific target gene.
<b>Molecular Mass</b>	42.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Pax5 paired box 5 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Pax5
<b>Synonyms</b>	PAX5; paired box gene 5; paired box protein Pax-5; B-cell-specific transcription factor; KLP; BSAP; EBB-1; Pax-5
<b>Gene ID</b>	18507
<b>mRNA Refseq</b>	NM_008782
<b>Protein Refseq</b>	NP_032808
<b>UniProt ID</b>	Q02650

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