

## Product datasheet for TP505137

### Klc4 (BC005746) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse kinesin light chain 4 (cDNA clone MGC:11935 IMAGE:3599898), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205137 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSGLVLGQRDEPAGHRLSQEELGSTKVVSQGLEALHSEHQAVLQSLSHTIECLQGGHEEGLVHEKARQ  
LRRSMENIELGLSEAQVMLALASHLSTVESEKQKLRQVRRRCQENQWLRDELGTQQLRQSEQAVAQL  
EEEKHLFLRQLRQYDEDGHGMEEKEGEATKDSLDFPNEEEEDSGNDLSRGQGAAAAQQGGYEIPAR  
LRTLHNLVIQYAAQGRYEVAVPLCKQALEDLERTSGRGRHPDVATMLNILALVYRDQNKYKEAAHLLNDAL  
SIRESTLGRDHPAATAATLNNLALLSVWGWPTGLPCPLFLYPLLPHYRSTYFTVSLINEPGNI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	38.2 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.
Locus ID:	74764
UniProt ID:	<a href="#">Q9DBS5</a>
RefSeq Size:	1138



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<b>Cytogenetics:</b>	17 C
<b>RefSeq ORF:</b>	1026
<b>Synonyms:</b>	1200014P03Rik; AA408085; AW146303; Kns18
<b>Summary:</b>	Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport. The light chain may function in coupling of cargo to the heavy chain or in the modulation of its ATPase activity (By similarity).[UniProtKB/Swiss-Prot Function]