

## Product datasheet for **TP509082**

### 4432405B04Rik (BC058375) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RIKEN cDNA 4432405B04 gene (cDNA clone MGC:66869 IMAGE:6828178), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR209082 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MLLVSASHNASCLAHLIIQVEIYPNTSVTHNASENMTVIPNQVYQPLGPCPCDLTAKACDIQCCCDQDCQ  
PEVRELFQAQSCFSGVFGGHVSPPSHHHCAVSTTHQTPDWFPLLCVQSPSTSPFLGHFYHGATSPRHSPG  
FEAHLHFDLRDFADASYKQGDPIMTTEGYFTIPQVSLAQCLQDAPVAFLRNFDVCTMDLEVHQGRDEI  
VLENMKIRTTGGPVTPTVYEEAIDLKDFITSPDTVLSVGSAPRNVNVEEHYVFRWQNNISGLDITVIR  
AEISAAQQRGMMTQRFTVKFLSHHSGGEKEFSGNPGYQLGKPVRLHTAGMNVSTLHLWQPAGRGLCTAAA  
LRPILFGENAFSGCLLEVGIKENCTQLRENVLQRLDLLTQATHVARRGNSDYSDLSDGWLEIIRAEAPDT  
GADLPLSSVNGVCPEVPARLSIRILTAEAGSVEGVAQREILAVETRFSTVTWQYQCGLTCEDKADLLPLS  
ASVEFINVPAQMPPHPTRFQINFTEYDCTRNELCWPQLLYPLTQYYQGEPQSQCVAKGLMLLSLLMLAIL  
LRHPWVRMCKARDSAAIYH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	63.9 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.



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Locus ID:	67978
UniProt ID:	<a href="#">Q2MV57</a>
RefSeq Size:	2339
Cytogenetics:	5 F
RefSeq ORF:	1737
Synonyms:	4432405B04Rik; Tect2
Summary:	Component of the tectonic-like complex, a complex localized at the transition zone of primary cilia and acting as a barrier that prevents diffusion of transmembrane proteins between the cilia and plasma membranes. Required for hedgehog signaling transduction.[UniProtKB/Swiss-Prot Function]