

## Product datasheet for TP509183

### C8b (NM\_133882) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse complement component 8, beta polypeptide (C8b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209183 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MKIGAQVWRALAKSCLLCATLGCLHFPGRGGKPDFFETKAVNGSLVKS RVPVRSVAEAPAPIDCELSTWS  
SWTACDPCQKKRYRHTYLLRPSQFYGELCDLSDKEVEDCVTNQPCRSQVRCEGFVCAQTGRCVNRLLCN  
GDNDCGDQSDEANCRRIYKNCQREMEQYWAIDRLASGINLFTNTFEGPVLDRHY YAGGCSPHYILD TNFR  
KPNVNESYTPQTKCEYEFTLTEYESYSDFERLVIEKKTHMNFNTSGFKVDGVM DLGIKVESNEGKNYVTR  
TKRFAHTQSKFLHARSVLEVAHYKLSRSLMLHYEFLQRVKSLPLEYSYGEYRDLLRDFGTHFITEAVLG  
GIYEYTLIMNKDAMEQGDYTLSHVTACAGGSFGIGGMVYKVVYKVGVS AKKCSDIMKEINERNKRSTMVE  
DLVVLVRGGTSEDITALAYKELPPELMEAWGDAVKYNPAIKIKAEPLYELV TATDFAYSSTVKQNLKK  
ALEEFQSEVSSRCAPCRGNGVPVLKGSRCECICPGGFQGTACEV TYRKDIPIDGKWSCWSDWSACSGGH  
KTRHRQCNNPAPHKGGSPCSGPASETLNC

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	66.2 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.



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RefSeq: [NP\\_598643](#)

Locus ID: 110382

UniProt ID: [Q8BH35](#)

RefSeq Size: 2239

Cytogenetics: 4 48.61 cM

RefSeq ORF: 1770

Synonyms: 4930439B20Rik; AI595927

**Summary:** This gene encodes the beta subunit of complement component C8 that participates in the assembly of the complement membrane attack complex. The encoded preproprotein undergoes proteolytic processing to generate the beta subunit, which associates with the alpha and gamma subunits to form a trimeric complement component, C8. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. This gene is located adjacent to the gene encoding the alpha subunit. [provided by RefSeq, Oct 2015]