

Product datasheet for **TP500796**

0610038F07Rik (BC060090) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RIKEN cDNA 0610038F07 gene (cDNA clone MGC:61338 IMAGE:5698361), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200796 protein sequence Red =Cloning site Green =Tags(s) MAVVTLIPTLARALSKHLLSPLPSVTSFRRFYRGDSPTDSQKDMIEIPLPPWQERTDESIETKRARLLY ESRKRGMLENCILLSLFAKEYLHNMTKQLNLYDRLINEPSNDWDIYYWATGMPYAELHLGIIR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	15.7 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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:	66072
UniProt ID:	Q8C6I2
RefSeq Size:	3993
Cytogenetics:	19 A
RefSeq ORF:	402
Synonyms:	MGC61338



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Summary:

Plays an essential role in the assembly of succinate dehydrogenase (SDH), an enzyme complex (also referred to as respiratory complex II) that is a component of both the tricarboxylic acid (TCA) cycle and the mitochondrial electron transport chain, and which couples the oxidation of succinate to fumarate with the reduction of ubiquinone (coenzyme Q) to ubiquinol. Required for flavinylation (covalent attachment of FAD) of the flavoprotein subunit SDHA of the SDH catalytic dimer.[UniProtKB/Swiss-Prot Function]