

Product datasheet for **TP510093**

BC002230 (BC025577) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cDNA sequence BC002230 (cDNA clone MGC:38228 IMAGE:5323598), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210093 representing BC025577 Red =Cloning site Green =Tags(s)
	<p>MFGLFLQQCHFLRQAGHSEKVISL FQAMVDFTFFK PDSVKELPTKVQVEFFEPFWD SGEP RVGEGK GARGW RAWMHQ QERGGWV LITPDEDDEEPEEEDQEIKDKTLPRWQIWLAVERSRDRHWRPWRPDKTKKQTEEDC EDPERQVLFDDIGQSLIRLSSPDLQFQLIQAFLQFLGVP SGFLPPASCLYLAMDESSIFESELYDEKPLT YFNPSFSGISCVGSMEQLGHPRWTKGHNREGEEFVRNVFHLVPLLAGKQKSQVCLSWLRYEIAKVIWCL HTKKKRLKSQ GK SCKKLAKNLLKEPENRNNFCLWKQYAHLEWLLGNTE DARKVFD TALSMAGSSELKDRE LCELSLLYAELEMELSPDSRGATTGRAVHILTRLTESSPYGPTYTGQVSSTQVLKARKAYELALQDCLGQS CASSPAPAEALDCLGSLVRCFMLFQYLTVGIDA AVQIYGRVFAKLKGSARLEDPGPEDSTSSQSLTNVLE AVSMMHTSLLRFHMNVCVYPLAPLRETLSDALKLYPGNQVLWRAYVQIQNKSHSANKTRRRFFDVTVTRSAK HLEPWLF AIEAEKLRKKLVESVQRVGGRE V HATIPETGLTHRIRALFENAIRSDKGNQCPLLWRMYLNFL VSLGNKERSKGVFYKALQSCPWAKVLYMDAMEYFPDELQEILDVMTEKELRVRLPLEEELLELLED</p> <p>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	86.5 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: 217827

UniProt ID: [Q80XC6](#)

RefSeq Size: 2358

Cytogenetics: 12 E

RefSeq ORF: 2085

Synonyms: 6720454P05Rik

Summary: Protein of the nuclear speckles that regulates RNA degradation and export from the nucleus through its interaction with MTREX an essential factor directing various RNAs to exosomal degradation. Changes the conformation of MTREX, precluding its association with the nuclear exosome and interaction with proteins required for its function in RNA exosomal degradation. Negatively regulates, for instance, the degradation of mRNAs and lncRNAs by inhibiting their MTREX-mediated recruitment to nuclear exosome. By preventing the degradation of RNAs in the nucleus, it promotes their export to the cytoplasm.[UniProtKB/Swiss-Prot Function]