

Product datasheet for **TP504813**

5730593N15Rik (BC025832) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse RIKEN cDNA 5730593N15 gene (cDNA clone MGC:37936 IMAGE:5125723), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone >MR204813 protein sequence

or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MVGSPDPCYSFIPYCSSDVWSGASPKSDKNEYAFMGSLIIQEWRELLGKGLSGAKVLLLAGSSAGGTGV
LLNVDRVAELLEELGYPSIQVRGLADSGWFLDNKQYRRSDCIDTINCAPTDAIRRGIRYWSGMVPERCQR
QFKEGEEWNCFFGYKVYPTLRCPVFWQWLFDEAQLTVDNVHLTGQPVQEGQWLYIQNLGRELRTLKDV
QASFAPACLSHEIIIRSYWTDVQVKGTS LPRALHCWDRSFHDSHKASKTPMKGC PFHLVDSCPWPHCNPS
CPTIRDQFTGQEMNVAQFLMHMGFDVQMVAQQQGMPEPSKLLGMLSNGN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 36.8 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: 77583

UniProt ID: [Q8R116](#)

RefSeq Size: 1447



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Cytogenetics:	11 E2
RefSeq ORF:	984
Synonyms:	5730593N15Rik
Summary:	Carboxylesterase that acts as a key negative regulator of the Wnt signaling pathway by specifically mediating depalmitoleoylation of WNT proteins. Serine palmitoleoylation of WNT proteins is required for efficient binding to frizzled receptors.[UniProtKB/Swiss-Prot Function]