

Product datasheet for TP507169

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Capn12 (NM_021894) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse calpain 12 (Capn12), with C-terminal MYC/DDK tag,

expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA >MR207169 protein sequence Red=Cloning site Green=Tags(s)

Sequence:

MASGNRKVTIQLVDDGAGTGAGGPQLFKGQNYEAIRRACLDSGILFRDPCFPAGPDALGYDKLGPDSEKA KGVEWKRPHEFCAEPQFICEDMSRTDVCQGSLGNCWLLAAAASLTLYPRLLYRVVPPGQGFQDGYAGVFH FQLWQFGRWVDVVVDDKLPVREGKLMFVRSEQRNEFWAPLLEKAYAKLHGSYEVMRGGHMNEAFVDFTGG VGEVLYLRQNTPGVFAALRHALAKESLVGATALSDRGEIRTDEGLVKGHAYSVTGTHKMSLGFTKVRLLR LRNPWGRVEWSGPWSDSCPRWDMLPSEWRDALLVKKEDGEFWMELQDFLTHFNTVQICSLLPTPGWRRGG RLPDPQTVVGGGYLLIGLKLREVTLLPDSLSQRWWLCNPGRPHKCWDYELEPSQTELPPFLLKPLHVSPC

LERGTTPTQALGWWALPAPWGMNRDAGRR

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Tag: C-MYC/DDK

Predicted MW: 50.4 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.

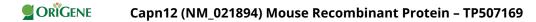
Storage: Store at -80°C after receiving vials.

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: 60594 **RefSeq Size:** 1794





Cytogenetics: 7 B1

RefSeq ORF: 1350

Summary: Calcium-regulated non-lysosomal thiol-protease.[UniProtKB/Swiss-Prot Function]