

## Product datasheet for **TP504798**

### Acp5 (NM\_007388) Mouse Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Mouse acid phosphatase 5, tartrate resistant (Acp5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:                              | Mouse  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >MR204798 representing NM_007388<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |

MDSWVLLGLQIIWLP LLTHGTAPTPTLRFVAVGDWGGVNPAPFHTAREMANAKEIARTVQTMGADFIMS  
LGDNFYFTGVHDASDKRFQETFEDVFSRDLRNIPWYVLAGNHDLGNVSAQIAYSKISKRWNFSPYYR  
LRFKIPRTNITVAIFMLD TVMLCGNSDDFASQQPKMPRDLGVARTQLSWLKKQLAAAKEDYVLVAGHYPI  
WSIAEHGPTRCLVKNL RPLLATYGV TAYLCGHDHNLQYLQDENG VGVVLSGAGNFMDPSVRHQRKVPNGY  
LRFHYGSEDSLGGFTHVEISPKEMTIIYVEASGKSLFKTSLPRRPRP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                |  |
|----------------|--|
| Tag:           | C-MYC/DDK  |
| Predicted MW:  | 37.3 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.        |
| RefSeq:        | <u><a href="#">NP_031414</a></u>   |
| Locus ID:      | 11433  |
| UniProt ID:    | <u><a href="#">Q05117</a></u>  |



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|                      |  |
|----------------------|--|
| <b>RefSeq Size:</b>  | 1367   |
| <b>Cytogenetics:</b> | 9 8.38 cM  |
| <b>RefSeq ORF:</b>   | 981  |
| <b>Synonyms:</b>     | TRACP; TRAP  |
| <b>Summary:</b>      | May play a role in the process of bone resorption. The osteoclastic trap acts on nucleotide tri- and diphosphates with higher affinity, compared with other substrates.[UniProtKB/Swiss-Prot Function] |