

## Recombinant Mouse Acp1 Protein, MYC/DDK-tagged

**Cat. No.** Acp1-514M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse acid phosphatase 1, soluble, complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                |
| <b>Description</b>      | Ubiquitous expression in liver E14 (RPKM 16.3), liver E14.5 (RPKM 13.9) and 27 other tissues.                                                         |
| <b>Molecular Mass</b>   | 17.9 kDa                                                                                                                                              |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                            |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.         |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                        |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                      |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                 |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Acp1 acid phosphatase 1, soluble [ Mus musculus (house mouse) ]</a>                                                                                                                                                   |
| <b>Official Symbol</b> | <a href="#">Acp1</a>                                                                                                                                                                                                              |
| <b>Synonyms</b>        | Acp1; acid phosphatase 1, soluble; Acp-1; Lmptp; LMW-PTP; AI427468; 4632432E04Rik; low molecular weight phosphotyrosine protein phosphatase; LMW-PTPase; low molecular weight cytosolic acid phosphatase; EC 3.1.3.2; EC 3.1.3.48 |
| <b>Gene ID</b>         | <a href="#">11431</a>                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | <a href="#">NM_021330</a>                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | <a href="#">NP_067305</a>                                                                                                                                                                                                         |
| <b>UniProt ID</b>      | <a href="#">Q9D358</a>                                                                                                                                                                                                            |

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