Recombinant Mouse Acp5 Protein, MYC/DDK-tagged

Cat. No. Acp5-516M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse acid phosphatase 5, tartrate resistant (Acp5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	37.3 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Acp5 acid phosphatase 5, tartrate resistant [Mus musculus (house mouse)]
Official Symbol	Acp5
Synonyms	Acp5; acid phosphatase 5, tartrate resistant; TRAP; TRACP; tartrate-resistant acid phosphatase type 5; TR-AP; acid phosphatase type V; tartrate-resistant acid ATPase; trATPase; type 5 acid phosphatase; EC 3.1.3.2
Gene ID	11433
mRNA Refseq	NM_007388
Protein Refseq	NP_031414
UniProt ID	Q05117

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