

Recombinant Mouse Ostm1 Protein, Myc/DDK-tagged

Cat. No. Ostm1-4621M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length osteopetrosis associated transmembrane protein 1 (Ostm1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for osteoclast and melanocyte maturation and function.
Molecular Mass	38 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	Ostm1 osteopetrosis associated transmembrane protein 1 [Mus musculus (house mouse)]
Official Symbol	Ostm1
Synonyms	OSTM1; osteopetrosis associated transmembrane protein 1; osteopetrosis-associated transmembrane protein 1; grey lethal osteopetrosis; gl; HSPC019; 1200002H13Rik
Gene ID	14628
mRNA Refseq	NM_172416
Protein Refseq	NP_766004
UniProt ID	Q8BGT0

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