

## Recombinant Human OSTM1 Protein, MYC/DDK-tagged

Cat. No. OSTM1-450H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human OSTM1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a protein that may be involved in the degradation of G proteins via the ubiquitin-dependent proteasome pathway. The encoded protein binds to members of subfamily A of the regulator of the G-protein signaling (RGS) family through an N-terminal leucine-rich region. This protein also has a central RING finger-like domain and E3 ubiquitin ligase activity. This protein is highly conserved from flies to humans. Defects in this gene may cause the autosomal recessive, infantile malignant form of osteopetrosis. [provided by RefSeq, Jul 2008].
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	37.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	osteopetrosis associated transmembrane protein 1 [ Homo sapiens ]
<b>Official Symbol</b>	OSTM1
<b>Synonyms</b>	GIPN; GL; HSPC019; OPTB5
<b>Gene ID</b>	28962
<b>mRNA Refseq</b>	NM_014028.3
<b>Protein Refseq</b>	NP_054747.2
<b>MIM</b>	607649
<b>UniProt ID</b>	Q86WC4

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