

Recombinant Human OSTM1 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant human OSTM1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	37.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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