

Product datasheet for PH309871

OSTM1 (NM_014028) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OSTM1 MS Standard C13 and N15-labeled recombinant protein (NP_054747)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209871
Predicted MW:	37.3 kDa
Protein Sequence:	>RC209871 protein sequence Red=Cloning site Green=Tags(s)

MEPGPTAAQRRCSLPPWLPLGLLLWSGLALGALPFGSSPHRVFHDLLSEQQLLEVEDLSLSLLQGGGLGP
LSLPPDLPDLDPRELLLDFASSAELTGCLVRSARPVRLCQTCYPLFQQVVSMDNISRAAGNTSESQ
SCARSLLMADRMQIVVILSEFFNTTWQEANCANCLTNNSEELSNSTVYFLNLFNHTLTCFEHNLQNAHS
LLQTKNYSEVCKNCREAYKTLSSLYSEMQMNELENAEPGTHLCIDVEDAMNITRKLWSRTFNCVPCS
DTVPVIAVSFVILFLPVVYFLSSFLHSEQKRRKLIILPKRLKSSTSFANIQENSN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_054747
RefSeq Size:	4467
RefSeq ORF:	1002
Synonyms:	GIPN; GL; HSPC019; OPTB5
Locus ID:	28962



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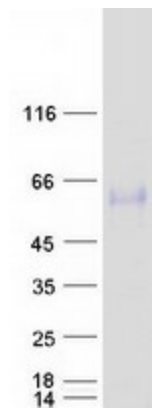
UniProt ID: [Q86WC4](#)

Cytogenetics: 6q21

Summary: 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]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified OSTM1 protein (Cat# [TP309871]). The protein was produced from HEK293T cells transfected with OSTM1 cDNA clone (Cat# [RC209871]) using MegaTran 2.0 (Cat# [TT210002]).