

Product datasheet for PH319139

MTUS2 (NM_015233) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MTUS2 MS Standard C13 and N15-labeled recombinant protein (NP_056048)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219139
Predicted MW:	40.6 kDa
Protein Sequence:	>RC219139 representing NM_015233 Red=Cloning site Green=Tags(s) MGHCCCKPYNCLQCLDKTNEALVKEKELSIELANIRDEVAFTAKCEKLQKEKEELERRFEDEVKRLGW QQQAEELQELEERLQLQFEAMARLQEEHGDQLLSIRCQHQQVEDLTASHDAALLEMENNHTVAITILQD DHDHKVQELMSTHELEKKELEENFEKLRSLQDQVDTLTFQSQSLRDRARRFEEALRKNTEEQLEIALAP YQHLEEDMKSLSKQVLEMKNQQIHEQEKKILELEKLAEKNIILEEKIQVLQQQNEDLKARIDQNTVVTRQL SEENANLQEYVEKETQEKKRLSRTNEELLWKLQTDGPTSPIKLSPTSPVYRGSSSGPSSPARVSTTPR 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:	<u>NP_056048</u>
RefSeq Size:	1779
RefSeq ORF:	1044
Synonyms:	CAZIP; ICIS; KIAA0774; TIP150
Locus ID:	23281



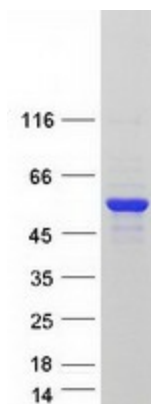
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UniProt ID: [Q5JR59](#), [Q5JR59-3](#)

Cytogenetics: 13q12.3

Summary: Binds microtubules. Together with MAPRE1 may target the microtubule depolymerase KIF2C to the plus-end of microtubules. May regulate the dynamics of microtubules at their growing distal tip.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MTUS2 protein (Cat# [TP319139]). The protein was produced from HEK293T cells transfected with MTUS2 cDNA clone (Cat# [RC219139]) using MegaTran 2.0 (Cat# [TT210002]).