

Product datasheet for PH302993

MAP6D1 (NM_024871) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MAP6D1 MS Standard C13 and N15-labeled recombinant protein (NP_079147)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202993
Predicted MW:	20.8 kDa
Protein Sequence:	>RC202993 representing NM_024871 Red=Cloning site Green=Tags(s) MAWPCISRLCCLARRWNQLDRSDVAVPLTLHGYSDDLSEEPGTGGAASRRGQPPAGARDSGRDVPLTQYQ RDFGLWTPAGPKDPPGGRGPGAGGRRGKSSAQSSAPPAPGARGVYVLP.IGDADAAAATTSYRQEFQAW TGVKPSRSTKTKPARVITHTSGWSSPGAGFQVPEVRKKFTPNPSAIFQASAPRILNV 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_079147
RefSeq Size:	2104
RefSeq ORF:	597
Synonyms:	MAPO6D1; SL21
Locus ID:	79929
UniProt ID:	Q9H9H5

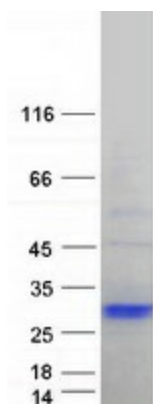


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Cytogenetics: 3q27.1

Summary: This gene encodes a protein highly similar to the mouse MAP6 domain containing 1 protein, which is related to the STOP proteins. Based on the study of the mouse protein, the encoded protein may function as a calmodulin-regulated neuronal protein that binds and stabilizes microtubules but also associates with the Golgi membranes through N-terminal palmitoylation. [provided by RefSeq, Oct 2008]

Product images:



Coomassie blue staining of purified MAP6D1 protein (Cat# [TP302993]). The protein was produced from HEK293T cells transfected with MAP6D1 cDNA clone (Cat# [RC202993]) using MegaTran 2.0 (Cat# [TT210002]).