OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH302099

MOCS3 (NM_014484) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MOCS3 MS Standard C13 and N15-labeled recombinant protein (NP_055299)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202099
Predicted MW:	49.5 kDa
Protein Sequence:	>RC202099 representing NM_014484 Red=Cloning site Green=Tags(s) MASREEVLALQAEVAQREEELNSLKQKLASALLAEQEPQPERLVPVSPLPPKAALSRDEILRYSRQLVLP ELGVHGQLRLGTACVLIVGCGGLGCPLAQYLAAAGVGRLGLVDYDVVEMSNLARQVLHGEALAGQAKAFS AAASLRRLNSAVECVPYTQALTPATALDLVRRYDVVADCSDNVPTRYLVNDACVLAGRPLVSASALRFEG QITVYHYDGGPCYRCIFPQPPPAETVTNCADGGVLGVVTGVLGCLQALEVLKIAAGLGPSYSGSLLLFDA LRGHFRSIRLRSRRLDCAACGERPTVTDLLDYEAFCGSSATDKCRSLQLLSPEERVSVTDYKRLLDSGAF HLLLDVRPQVEVDICRLPHALHIPLKHLERRDAESLKLLKEAIWEEKQGTQEGAAVPIYVICKLGNDSQK AVKILQSLSAAQELDPLTVRDVVGGLMAWAAKIDGTFPQY 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_055299
RefSeq Size:	2458
RefSeq ORF:	1380
Synonyms:	UBA4

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Locus ID: 27304

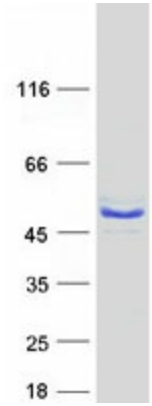
UniProt ID: O95396

Cytogenetics: 20q13.13

Summary: Molybdenum cofactor (MoCo) is necessary for the function of all molybdoenzymes. The protein encoded by this gene adenylates and activates molybdopterin synthase, an enzyme required for biosynthesis of MoCo. This gene contains no introns. A pseudogene of this gene is present on chromosome 14. [provided by RefSeq, Nov 2012]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified MOCS3 protein (Cat# [TP302099]). The protein was produced from HEK293T cells transfected with MOCS3 cDNA clone (Cat# [RC202099]) using MegaTran 2.0 (Cat# [TT210002]).