

Product datasheet for TP302099

MOCS3 (NM_014484) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human molybdenum cofactor synthesis 3 (MOCS3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202099 representing NM_014484 Red=Cloning site Green=Tags(s)

MASREEVLALQAEVAQREEELNSLKQKLASALLAEQEPQPERLVPVSPKAAALSRLDEILRYSRQLVLP
ELGVHGQLRLGTACVLIVGCGGLGCPPLAQYLAAGVGRGLVDYDVMNSLARQVLHGEALAGQAKAF
S

AAASLRRLNSAVECVPYTQALTPATALDLVRRYDWDVADCSNVPTRYLVNDACVLAGRPLVSASALRFEG
QITVYHYDGGPCYRCIFPQPPAETVNCADGGVLGVTVGLCLQALEVLKIAAGLGPSYSGSLLLFDA
LRGHFRSIRLSRRLDCAACGERPTVTDLLDYEAFCGSSATDKCRSLQLLSPEERSVTDYKRLLDGAF
HLLLDVRPQVEVDICRLPHALHIPLKHLERRDAESLKLLKEAIWEEKQGTQEGAAPVIYVICKLGNDSQK
AVKILQSLSAAQELDPLTVRDVVGGLMAWAAKIDGTFPQY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	49.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_055299](#)

Locus ID: 27304

UniProt ID: [O95396](#)

RefSeq Size: 2458

Cytogenetics: 20q13.13

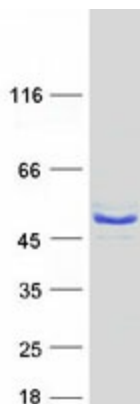
RefSeq ORF: 1380

Synonyms: UBA4

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]).