

Product datasheet for TP304083M

OriGene Technologies, Inc.

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SMOC1 (NM_001034852) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human SPARC related modular calcium binding 1 (SMOC1), transcript

variant 1, 100 µg

Species: Human Expression Host: HEK293T

Expression cDNA Clone >RC204083 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MLPARCARLLTPHLLLVLVQLSPARGHRTTGPRFLISDRDPQCNLHCSRTQPKPICASDGRSYESMCEYQ RAKCRDPTLGVVHRGRCKDAGQSKCRLERAQALEQAKKPQEAVFVPECGEDGSFTQVQCHTYTGYCWCVT PDGKPISGSSVQNKTPVCSGSVTDKPLSQGNSGRKDDGSKPTPTMETQPVFDGDEITAPTLWIKHLVIKD SKLNNTNIRNSEKVYSCDQERQSALEEAQQNPREGIVIPECAPGGLYKPVQCHQSTGYCWCVLVDTGRPL PGTSTRYVMPSCESDARAKTTEADDPFKDRELPGCPEGKKMEFITSLLDALTTDMVQAINSAAPTGGGRF SEPDPSHTLEERVVHWYFSQLDSNSSNDINKREMKPFKRYVKKKAKPKKCARRFTDYCDLNKDKVISLPE

LKGCLGVSKEVGRLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 48.1 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.





Synonyms:

RefSeq: NP 001030024

 Locus ID:
 64093

 UniProt ID:
 Q9H4F8

 RefSeq Size:
 3716

 Cytogenetics:
 14q24.2

 RefSeq ORF:
 1305

Summary: This gene encodes a multi-domain secreted protein that may have a critical role in ocular and

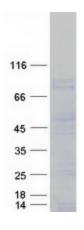
limb development. Mutations in this gene are associated with microphthalmia and limb anomalies. Alternatively spliced transcript variants encoding different isoforms have been

found for this gene. [provided by RefSeq, Mar 2011]

Protein Families: Secreted Protein

OAS

Product images:



Coomassie blue staining of purified SMOC1 protein (Cat# [TP304083]). The protein was produced from HEK293T cells transfected with SMOC1 cDNA clone (Cat# [RC204083]) using MegaTran 2.0 (Cat# [TT210002]).