

Product datasheet for **SC333157**

MEGF8 (NM_001271938) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MEGF8 (NM_001271938) Human Untagged Clone
Tag:	Tag Free
Symbol:	MEGF8
Synonyms:	C19orf49; CRPT2; EGFL4; SBP1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC333157 representing NM_001271938. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GAGCAGGCCCGCTGCCGAGGGGAGCAGATCTCAGGCACTGTGGGCTGGTGGGGCCCTGCGCCTGTCTTC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001271938
Insert Size:	8538 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001271938.1</u>
RefSeq Size:	11167 bp
RefSeq ORF:	8538 bp
Locus ID:	1954
UniProt ID:	<u>Q7Z7M0</u>
Cytogenetics:	19q13.2
Protein Families:	Druggable Genome, Transmembrane
MW:	303.1 kDa
Gene Summary:	The protein encoded by this gene is a single-pass type I membrane protein of unknown function that contains several EGF-like domains, Kelch repeats, and PSI domains. Defects in this gene are a cause of Carpenter syndrome 2. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.