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Product datasheet for SC318735

MEGF8 (NM_001410) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MEGF8 (NM_001410) Human Untagged Clone
Tag:	Tag Free
Symbol:	MEGF8
Synonyms:	C19orf49; CRPT2; EGFL4; SBP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_001410 edited
GGCCGCTCTGGCCCAAGCGTCCCCTCGTCTCTCTGATCTGGCCCATCCGGCTTCGGAGGG
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GTGACAGAGCGAGACTCCACCTCAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001410

Insert Size: 10000 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	NM_001410.2, NP_001401.2
RefSeq Size:	10966 bp
RefSeq ORF:	8337 bp
Locus ID:	1954
UniProt ID:	Q7Z7M0
Cytogenetics:	19q13.2
Protein Families:	Druggable Genome, Transmembrane
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 (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.