

Product datasheet for SC127736

IMP4 (NM_033416) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IMP4 (NM_033416) Human Untagged Clone
Tag:	Tag Free
Symbol:	IMP4
Synonyms:	BXDC4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033416, the custom clone sequence may differ by one or more nucleotides

ATGCTGCGCCGCGAGGCCCGCTGCGCCGCGAGTACCTGTACCGCAAGGCCCGGAGGAGCGCAGCGCT
 CAGCCCAGGAGAGGAAGGAGCGGCTGCGGCGCGCGCTGGAAGAAAACCGCTGATCCCACTGAGTTACG
 CCGAGAGGCTCTGGCCTTACAGGGGTCCCTGGAGTTTGATGATGCTGGAGGTGAAGGTGTGACGACCCAC
 GTGGATGATGAATACCGATGGGCAGGAGTCGAGGATCCCAAGTTATGATCACTACCTCCCGAGACCCCA
 GTTCCCGCCTCAAGATGTTTGCAAAGGAGCTGAAGCTGGTGTCCCGGGCGCCAGCGAATGAACCGAGG
 TCGACATGAAGTGGGGCACTGGTGCAGCCTGCAAAGCCAACGGCGTCACCGATCTGCTGGTCGTTTAC
 GAGCATCGGGGCACACCTGTGGGCTCATCGTCAGCCACCTGCCCTTTGGTCCTACTGCCTACTTCACGC
 TGTGCAATGTGGTCATGCGGCATGACATCCAGACCTGGGCACCATGTGCGAGGCCAAGCCCCACCTCAT
 CACACACGGCTTCTCTCCCGCCTGGGCAAGCGGGTCTCTGACATCCTCCGATACCTATTTCCCGTGCCC
 AAAGATGACAGCCACCGGTTCATCACCTTCGAAACCAGGACGACTACATATCATTCCGGCACCATGTGT
 ATAAGAAGACAGACCACCGCAACGTGGAGCTCACTGAGGTCGGGCCCCGCTTTGAGCTGAAGCTGTACAT
 GATCCGTCTGGGCACGCTGGAGCAGGAGGCCACAGCAGACGTGGAGTGGCGCTGGCACCCCTACACCAAT
 ACCGCACGCAAGAGAGTCTTCTGAGCACCAGTGA

Restriction Sites:	Please inquire
ACCN:	NM_033416
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).


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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:	<ol style="list-style-type: none"> 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_033416.1, NP_219484.1</u>
RefSeq Size:	1074 bp
RefSeq ORF:	876 bp
Locus ID:	92856
UniProt ID:	<u>Q96G21</u>
Cytogenetics:	2q21.1
Domains:	Brix
Gene Summary:	<p>The protein encoded by this gene, along with IMP3 and MPP10, is part of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP) complex. This complex is necessary for the early cleavage steps of pre-18S ribosomal RNA processing. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a). 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.</p>