

Product datasheet for **RN204040**

Gulp1 (NM_001013171) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gulp1 (NM_001013171) Rat Untagged Clone
Tag: Tag Free
Symbol: Gulp1
Synonyms: CED-6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204040 representing NM_001013171
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACCCGGCTTTCAGCAGGAAGAAAGACAAAACATGGATGCATATGCCTGAAGCCTTATCAAACATT
ACGTTCCCTATAATGCAAAGTTTCTTGGCAGTACTGAAGTGGAGCAGCCAAAGGGAACAGAAGTTGTGAG
AGATGCTGTCAGGAAGCTGAAGTTTGAAGACACATCAAGAAATCTGAAGGCCAGAAGATTCCTAAAGTT
GAATTGCAAATATCAATTTATGGAGTGAATTCGAAACAAAAACAAAGGAAGTTCAACACAAGTCC
AGCTTCATAGAATATCATTGTCAGATGATAAACCGACAAGAGGATTTTACCTTCATATGCAAAGA
TTCTGAGTCAAACAAACATTTGTGTTTTGTGTTTGTGTTGACAGCGAAAAGTGTGCTGAAGAAATACATTAACA
ATTGGCCAAGCATTTGACTTAGCATACAGGAAATTTCTAGAATCTGGAGGAAAAGATGTGGAAACAAGAA
AACAGATTGCTGGAATGCAGAAAAGAATCCAAGACTTAGAAACAGAAAATATGGAACCTAAAAATAAAGT
ACAAGATTTAGAAAACCGGTTGAGAACAACCTCAAGTGTCTCGACTCCAGCTGGTGGTGTGACAGTGACT
TCTCCTCCACTGACATCTTTGACATGATTCCATTTTCCCAATATCACACCCGTCTCCAACCTCTGCTG
GCAATGGCACACAGCTACCACCCATACCTAGCAGATCTTCAGAGATCAAACGGGACCTTTTGGAGCTGA
ACCTTTTGACCCATTTAACTGTGGAGCAGGGGACTTTCCTCCTGATATTAGTCCAAATTGGATGAGATG
CAGGAGGGGTTCAAATGGGACTAACTCTTGAAGGAACAGTATTTGTCTCGACCCATTAGACAGCAGGT
GCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013171
Insert Size: 915 bp



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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:	<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:	NM_001013171.2 , NP_001013189.1
RefSeq Size:	2835 bp
RefSeq ORF:	915 bp
Locus ID:	314543
UniProt ID:	Q5PQS4
Cytogenetics:	9q22
Gene Summary:	May function as an adapter protein. Required for efficient phagocytosis of apoptotic cells. Modulates cellular glycosphingolipid and cholesterol transport. May play a role in the internalization and endosomal trafficking of various LRP1 ligands, such as PSAP. Increases cellular levels of GTP-bound ARF6 (By similarity).[UniProtKB/Swiss-Prot Function]