

Product datasheet for **SC330208**

GIMAP6 (NM_001244072) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GIMAP6 (NM_001244072) Human Untagged Clone
Tag: Tag Free
Symbol: GIMAP6
Synonyms: IAN-2; IAN-6; IAN2; IAN6
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330208 representing NM_001244072.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

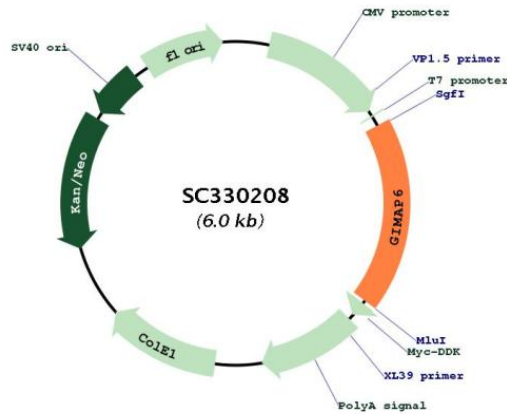
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CAGAAGGAATCTGAGGAAGCCACAGATGCCTGCTGGGAAGGCTGACCTTGA
  
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001244072

Insert Size: 1089 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: [NM_001244072.1](#)

RefSeq Size: 3926 bp

RefSeq ORF: 1089 bp

Locus ID: 474344

UniProt ID: [Q6P9H5](#)

Cytogenetics: 7q36.1

MW: 40.6 kDa

Gene Summary: This gene encodes a member of the GTPases of immunity-associated proteins (GIMAP) family. GIMAP proteins contain GTP-binding and coiled-coil motifs, and may play roles in the regulation of cell survival. Decreased expression of this gene may play a role in non-small cell lung cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, which is found in a cluster with seven additional GIMAP genes on the long arm of chromosome 7. [provided by RefSeq, Sep 2011]
Transcript Variant: This variant (2) uses an alternate splice site in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is longer than isoform 1.