

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_199353.1](#), [NP_955385.1](#)

RefSeq Size: 774 bp

RefSeq ORF: 774 bp

Locus ID: 5542

UniProt ID: [P04280](#)

Cytogenetics: 12p13.2

Protein Families: Druggable Genome

Gene Summary: This gene encodes a member of the heterogeneous family of basic, proline-rich, human salivary glycoproteins. The encoded preproprotein undergoes proteolytic processing to generate one or more mature peptides before secretion from the parotid glands. Multiple alleles of this gene exhibiting variations in the length of the tandem repeats have been identified. The reference genome encodes the "Medium" allele. This gene is located in a cluster of closely related salivary proline-rich proteins on chromosome 12. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. [provided by RefSeq, Nov 2015]
Transcript Variant: This variant (2) lacks an in-frame segment within the coding region compared to variant 1. The resulting isoform (2) lacks an internal region, as compared to isoform 1. This isoform (2) may undergo proteolytic processing similar to isoform 1.