

COMPOSITION FOR TRANSLATION, AND METHOD FOR PRODUCING PEPTIDE

[ABSTRACT]

5 An objective of the present invention is to provide novel means that allow reducing the
rate of mistranslation into unintended amino acids due to misreading of codons. In a number of
embodiments, the present disclosure provides compositions for translation which contain a tRNA
having a specific combination of bases at positions 32, 33, 37, and 38 (tRNA numbering rule) in
the tRNA. According to a specific embodiment of the present disclosure, the rate of introduction
of unintended amino acids due to codon misreading can be reduced.

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[FIG. 1]