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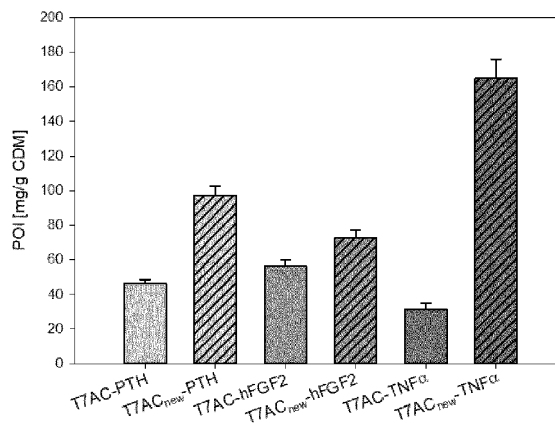
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(54) Title: TAGS FOR ENHANCED EXPRESSION OF RECOMBINANT PROTEINS

FIGURE 3



(57) Abstract: The invention refers to an isolated nucleic acid sequence encoding a peptide tag comprising amino acid sequence SEQ ID NO:1 for expression of a protein or peptide of interest (POI) in a host cell, wherein said nucleic acid sequence comprises SEQ ID NO:2 comprising at least 3 silent mutations at positions selected from the group consisting of: a. codon encoding Pro at position 1 of SEQ ID NO:1, wherein CCG has been modified to CCC or CCA; b. codon encoding Arg at position 3 of SEQ ID NO:1, wherein CGC has been modified to AGG, AGA or CGA; c. codon encoding Asn at position 4 of SEQ ID NO:1, wherein AAC has been modified to AAT; d. codon encoding Glu at position 6 of SEQ ID NO:1, wherein GAG has been modified to GAA; e. codon encoding Arg at position 7 of SEQ ID NO:1, wherein CGA has been modified to AGG, or AGA; and f. codon encoding Lys at position 8 of SEQ ID NO: 1, wherein AAG has been modified to AAA.

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