

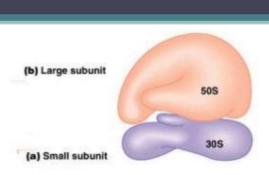
TOOLS OF TRANSLATION

- Mainly :Ribosomes, tRNA
- mRNA, Initiation factors, elongation factors, termination factors, amino acids etc

RIBOSOME

- · Protein synthesising factories of the cell.
- 70S & 80S
- Structure: A site, P site & E site. And also an mRNA binding site. The mRNA-binding site binds a sequence near the 5 prime end of the mRNA, placing the mRNA in the proper position for the translation of its first codon.

The binding sites are all located at or near the interface between the large and small subunits



(c) Complete 70S ribosome

