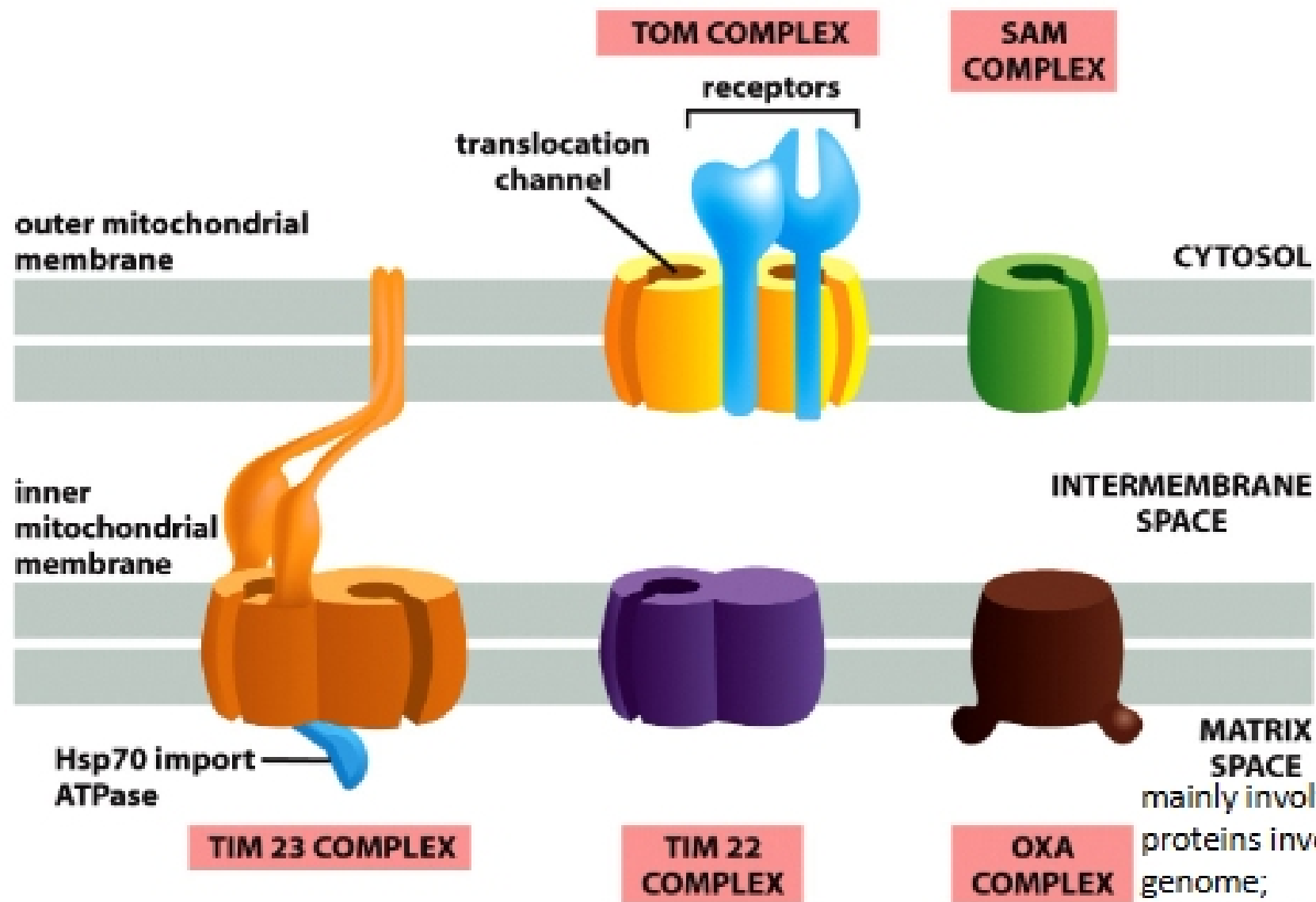


# Quiz 3 Material

Cytoskeleton & MFs;  
Actin & Polymerization-Based Motility (MFs);  
Actin & Motor Protein-Based Motility (MTs);  
Actin-Myosin Systems (MTs); MT Motors; Mitosis;  
Mitosis & Cytokinesis; Cilia; IFs;  
Mitochondria (Structure, Genome, & Origins);  
Mitochondria (Protein Import)

# *Mitochondria: Protein Import*

# 2 Membranes, 5 Protein Translocases



**OXA COMPLEX** mainly involved in import of proteins involved in mt. genome; thought to be derived from original endosymbiont → gene encoded in mt. genome, not in nucleus!