structural molecule activity structural constituent of ribosome structural constituent of cuticle proton transmembrane transporter activity unfolded protein binding threonine-type endopeptidase activity translation factor activity, RNA binding translation regulator activity, nucleic acid binding translation regulator activity threonine-type peptidase activity translation elongation factor activity protein heterodimerization activity RNA binding ribonucleoprotein complex binding rRNA binding intracellular organelle ribonucleoprotein complex intracellular anatomical structure non-membrane-bounded organelle intracellular non-membrane-bounded organelle organelle ribosome protein-containing complex ribosomal subunit large ribosomal subunit proteasome complex endopeptidase complex mitochondrion peptidase complex mitochondrial envelope small ribosomal subunit proteasome core complex organelle envelope envelope mitochondrial intermembrane space organelle envelope lumen cytoplasm mitochondrial protein-containing complex proton-transporting ATP synthase complex, coupling factor F(o) prefoldin complex proteasome accessory complex peptide biosynthetic process gene expression amide metabolic process cellular nitrogen compound metabolic process cellular macromolecule biosynthetic process cellular macromolecule metabolic process organonitrogen compound biosynthetic process translation peptide metabolic process amide biosynthetic process cellular nitrogen compound biosynthetic process macromolecule biosynthetic process ribonucleoprotein complex biogenesis cellular biosynthetic process cellular metabolic process ribosome biogenesis biosynthetic process organic substance biosynthetic process organonitrogen compound metabolic process nucleoside triphosphate biosynthetic process ribonucleoside triphosphate biosynthetic process rRNA processing purine nucleoside triphosphate biosynthetic process