**Description**

Recombinant forms of multisubunit protein complexes can be generated by coexpression of their subunits in baculovirus-infected insect cells. Expression of all subunits from a single baculovirus rather than from several individual baculoviruses typically improves the correct assembly, stoichiometry and yield of recombinant protein complexes. This kit contains a complete set of biGBac cloning vectors that allow the generation of baculoviral transfer vectors coding for up to 25 subunits of a protein complex in two Gibson assembly steps.



Multigene expression vectors can be constructed within six days and the procedure can easily be scaled up for multiple expression vectors. Clones of multigene expression constructs can be conveniently analyzed by restriction enzyme digestion between individual gene expression cassettes (GECs) or polygene cassettes (PGCs). All biGBac vectors can be used as transfer vectors for the generation of recombinant baculoviruses using Tn7 transposition.