

Abstract

Provided is a multi-domain fusion protein molecule close to a native state. The fusion protein is composed of an antibody single-chain molecule without an immune effect and a polypeptide receptor molecule, which specifically binds to pMHC epitope, or component part thereof or fragment thereof. These protein domains close to the natural state can be mixed to form a fusion protein complex molecule having a biological function, and can avoid the risk of immunogenicity caused by introducing artificial flexible peptide chains to link each domain into a single polypeptide chain molecule.

No Figure