MALPVTALLLPLALLLHAARP<>GSTSGSGKPGSGEGSTKGLEPKSCDKTHTCPPCPDPKFWVLVVVGGVLACYSLLVTVAFIIFWVRSKRSRLLHSDYMNMTPRRPGPTRKHYQPYAPPRDFAAYRSRVKFSRSADAPAYKQGQNQLYNELNLGRREEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNELQKDKMAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR

CD8 leader – MALPVTALLLPLALLLHAARP

<> – de novo binder

218 linker – GSTSGSGKPGSGEGSTKG

CD28 hinge – LEPKSCDKTHTCPPCPDPK

CD28 transmembrane – FWVLVVVGGVLACYSLLVTVAFIIFWVR

CD28 co-stim – SKRSRLLHSDYMNMTPRRPGPTRKHYQPYAPPRDFAAYRS

CD3z stim – RVKFSRSADAPAYKQGQNQLYNELNLGRREEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNELQKDKMAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR