

Title (en)

COILED-COIL FUSION PROTEINS COMPRISING CELL RECEPTOR DOMAINS

Title (de)

ZELLREZEPTORDOMÄNEN UMFASSENDE COILED-COIL-FUSIONSPROTEINE

Title (fr)

PROTEINE HYBRIDE BISPIRALEE AVEC DOMAINES DE RECEPTEURS CELLULAIRES

Publication

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Application

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Abstract (en)

[origin: WO2005024035A1] Fusion proteins and coiled-coil induced dimers prepared from both the ectodomains and the kinase domains are disclosed. The receptor domains when presented in the form of a homodimer or heterodimer by virtue of the coiled-coil tag have enhanced ligand binding activity or enhanced kinase activity. The kinetics of binding and the antagonistic potencies of the ectodomain dimers, and their use to alter or inhibit signaling is described. Application of the ectodomain and kinase domain dimers in assays for selecting compounds capable of inhibiting ligand binding and kinase activity, respectively, is described.

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