CD3-TARGETING ANTIGEN-BINDING MOLECULE WITH IMPROVED STABILITY

[ABSTRACT]

The present disclosure provides novel CD3-binding domains with superior stability compared to conventional CD3-binding domains used in T cell redirecting antibodies, as well as antigen-binding molecules comprising said CD3-binding domains. Bispecific antigen-binding molecules prepared by combining the CD3-binding domains of the present disclosure with antigen-binding domains binding to antigens expressed on the surfaces of target cells (e.g., cancer cells) can induce T-cell-dependent cytotoxicity against the target cells and are useful for treating or preventing various types of cancer.

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