Kauffman bracket skein module of a 3-manifold $M$ is defined by taking the linear combinations of isotopy classes of framed links in $M$ with complex coefficients, and dividing by a submodule spanned by the Kauffman bracket skein relations. We define a reduced Kauffman bracket skein module that depends on a choice of an irreducible representation of the fundamental group of $M$ into $\text{SL}(2,\mathbb{C})$. We show that if the 3-manifold is closed then the reduced Kauffman bracket skein module is isomorphic to complex numbers. This can be interpreted as extending the Kauffman bracket invariant of links in a 3-sphere to a geometric invariant in an arbitrary closed, oriented 3-manifold. (Received September 14, 2020)