

Sterile alpha motif

The protein domain Sterile alpha motif (or SAM) is a putative protein interaction module present in a wide variety of [proteins](#) involved in many biological processes. The SAM domain that spreads over around 70 residues is found in diverse eukaryotic organisms.

SAM domains have been shown to homo- and hetero-oligomerize, forming multiple self-association architectures and also binding to various non-SAM domain-containing proteins, nevertheless with a low affinity constant.

[Sterile alpha and HEAT/Armadillo motif](#)

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