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SH3-Binding Motif

National Cancer Institute

Source

National Cancer Institute. *SH3-Binding Motif*. NCI Thesaurus. Code C14109.

Typically found in proteins involved in signaling pathways, the SH3-Binding Motif is a peptide sequence that mediates regulated high-affinity physical interaction (binding) with the SH3 (SRC Homology 3) domain in target protein partners. The SH3-binding motif often share proline-rich stretches containing a common PXXP motif. (NCI)