

## **Abstract**

The isolation and purification of recombinant proteins is essential for further study of their structural and functional properties. The affinity chromatography is usually the method of choice for this task. In this paper the most used affinity tags are reviewed for their properties and experience with their application. The tags covered here include CBP, MBP, GST, polyhistidine and polyarginine tags, FLAG-tag, Strep-tag II and SpA. The origin and properties of the tags, their influence on form and localization of fusion protein as well as binding, elution and removal are discussed.

**Keywords:** affinity chromatography, recombinant protein, purification, affinity tag