

Data Sheet

Avidin

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Description	Avidin is a tetrameric biotin binding protein (K_D for biotin $> 10^{-14}$) extracted from egg white, which does not bind to Strep-tag®II or Twin-Strep-tag®. Culture media often contain significant amounts of biotin. This is especially the case for mammalian or insect cell culture media. Thus, if proteins from biotin containing extracts or media are intended to be purified via Strep-Tactin® or Strep-Tactin®XT chromatography, biotin must be masked by the addition of avidin prior to the application onto the column. Add at least 1U of BioLock solution per µg of biotin.
Activity	> 11 U/mg (determined by HABA dye binding method) Unit definition: 1 U avidin binds 1 µg biotin
MW	~17000 Da (monomer)
Stability	12 months after shipping
Storage	recommended: 2- 8 °C, will tolerate freezing
Shipping	room temperature
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.



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