

---

## Data Sheet

---

### MBP Selector

	100 µl resin/ 200 µl slurry	1000 µl resin/ 2000 µl slurry
Catalog No.	N0110-S	N0110-L

---

### Description

---

MBP Selector is based on a high-affinity single-domain antibody (sdAb) that is covalently immobilized on 4 % cross-linked agarose beads. The innovative, oriented and selective attachment via a flexible linker guarantees a high accessibility of the sdAbs and largely eliminates batch-to-batch variations. Due to the single-chain nature of sdAbs and their stable and covalent attachment, no leakage of light and heavy chains is observed during elution with SDS sample buffer. MBP Selector thus features high affinity and superior capacity for MBP fusion proteins while showing negligible unspecific background.

MBP Selector is compatible not only with physiological buffers but also with high stringency buffers (see "Buffer Compatibility" below). MBP Selector thus provides great freedom to adjust the binding and washing conditions to the experimental needs.

For recommended protocols please see our webpage at [www.nano-tag.com/protocols](http://www.nano-tag.com/protocols).

---

**To be used *in vitro* / for research only,  
not for diagnostic or therapeutic use!**

**Non-toxic, non-hazardous, non-infectious.**

---

**Properties**

---

<b>Support</b>	4 % cross-linked agarose, bead size 50-150 $\mu$ m
<b>Coating</b>	sdAb anti-MBP clone 1G5
<b>Reactivity</b>	Recognizes <i>E.coli</i> maltose-binding protein (MBP)
<b>Capacity</b>	> 2.5 $\mu$ g MBP per $\mu$ l of packed beads
<b>Formulation</b>	50 % slurry in PBS containing 20 % Ethanol
<b>Shipment</b>	Shipped at ambient temperature
<b>Storage</b>	Store at 4 °C, do not freeze
<b>Stability</b>	Stable for 12 months
<b>Buffer</b>	• Common buffer substances at pH 5 to 9
<b>Compatibility</b>	• 2% Triton X-100, 1% Tween-20, 1% NP-40, 1% CHAPS, 1% Deoxycholate, 0.1% SDS • 4 M NaCl, 2 M KCl, 1 M MgCl <sub>2</sub> , 100 mM EDTA • 4 M urea • 10 mM DTT, 10 mM 2-Mercaptoethanol • RNase A, DNase I, Benzonase, protease inhibitors

---

For more information please visit our web page at [www.nano-tag.com](http://www.nano-tag.com)

---

**Limited Use Label License**

The purchaser of this product is granted a limited, non-transferable right to use the purchased material only for internal, academic research purposes. The license explicitly excludes the right to resell this product or any of its components. For information on further licensing possibilities please contact [info@nano-tag.com](mailto:info@nano-tag.com)