



## Data Sheet

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## pEXPR-IBA105

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<b>Description</b>	Eukaryotic expression vector designed for high-level stable and non-replicative transient expression in most mammalian hosts containing the following elements: <ul style="list-style-type: none"><li>• Human cytomegalovirus (CMV) immediate-early promoter for high-level expression in a wide range of mammalian cells</li><li>• Multiple cloning site</li><li>• Neomycin resistance gene for selection of stable cell lines</li><li>• Episomal replication in cell lines that are latently infected with SV40 or that express the SV40 large T antigen (e.g. COS-1, COS-7)</li><li>• The expressed recombinant protein will be localized in the cytoplasm.</li><li>• <i>Strep-Tactin</i> affinity tag (<i>One-StrEP</i>-tag) for <i>One-StrEP</i>-protein::protein analysis. The affinity tag is fused to the N-terminus of the recombinant protein.</li></ul>
<b>Resistance for selection in E. coli</b>	Ampicillin
<b>Form</b>	5 µg lyophilized, to be dissolved in TE buffer (10 mM Tris/HCl pH 8.0, 1 mM EDTA)
<b>Storage</b>	4 °C for frequent usage, -20 °C for long-term storage
<b>Shipment</b>	Room temperature

For research use only

*Strep-tag*® technology for protein purification and detection is covered by US patent 5,506,121, UK patent 2272698 and French patent 93 13 066; the tetracycline promoter based expression system is covered by US patent 5,849,576 and *Strep-Tactin*® is covered by US patent 6,103,493. Further patent applications are pending world-wide. Purchase of reagents related to these technologies from IBA provides a license for non-profit and in-house research use only. Expression or purification or other applications of above mentioned technologies for commercial use require a separate license from IBA. A license may be granted by IBA on a case-by-case basis, and is entirely at IBA's discretion. Please contact IBA for further information on licenses for commercial use. *Strep-tag*® and *Strep-Tactin*® are registered trademarks of IBA GmbH.

