



# Recombinant Heparin-binding protein (HBP) [His] (DAG-WT1116)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	Immunoassays
<b>Molecular Weight</b>	25.02 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	1 mg
<b>Buffer</b>	Phosphate buffered saline, 5% mannitol, 0.05% Tween20, pH7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C to -80°C

## BACKGROUND

<b>Introduction</b>	Heparin-binding protein (HBP, also known as azurocidin or CAP37), stored by neutrophils, is released early upon neutrophil adhesion and extravasation. Bacterial products induce HBP release and HBP is the key mediator of neutrophil-dependent vascular permeability increases. Elevated plasma levels of HBP are a promising early biomarker of severe sepsis in the emergency department and correlate with the development of septic shock.
<b>Keywords</b>	Heparin-binding protein; HBP; Septic shock