



# Recombinant Human C-X-C Motif Chemokine 4 (CXCL4) [His] (DAG-WT250)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Recombinant Human C-X-C Motif Chemokine 4 (PF4) is produced by Mammalian expression system and the target gene encoding Glu32-Ser101 is expressed with a 6His tag at the C-terminus.
<b>Purity</b>	> 95% , as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	Immunogen, calibrator / Standard
<b>Molecular Weight</b>	8.5kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	1 mg
<b>Buffer</b>	20mM PB, 150mM NaCl, pH7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C to -80°C

## BACKGROUND

<b>Introduction</b>	Platelet factor 4 (PF4) is a small cytokine belonging to the CXC chemokine family that is also known as chemokine (C-X-C motif) ligand 4 (CXCL4) . This chemokine is released from alpha-granules of activated platelets during platelet aggregation, and promotes blood coagulation by
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moderating the effects of heparin-like molecules. Due to these roles, it is predicted to play a role in wound repair and inflammation. It is usually found in a complex with proteoglycan.

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**Keywords**

Platelet factor 4; PF4; CXC chemokine; Chemokine (C-X-C motif) ligand 4

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## GENE INFORMATION

**UniProt ID**

P02776

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