



Human PF4 peptide (DAG-P1047)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the CXC chemokine family. This chemokine is released from the alpha granules of activated platelets in the form of a homotetramer which has high affinity for heparin and is involved in platelet aggregation. This protein is chemotactic for numerous other cell type and also functions as an inhibitor of hematopoiesis, angiogenesis and T-cell function. [provided by RefSeq, Mar 2012]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the intercrine alpha (chemokine CxC) family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PF4 platelet factor 4 [Homo sapiens (human)]
Official Symbol	PF4
Synonyms	PF4; platelet factor 4; PF-4; CXCL4; SCYB4; iroplact; oncostatin-A; C-X-C motif chemokine 4; chemokine (C-X-C motif) ligand 4;
Entrez Gene ID	5196
mRNA Refseq	NM_002619.3

Protein Refseq	NP_002610.1
UniProt ID	P02776
Chromosome Location	4q12-q21
Pathway	CXCR3-mediated signaling events, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Common Pathway, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytoki
Function	CXCR3 chemokine receptor binding; chemokine activity; heparin binding;