

Product datasheet for **AR09176PU-L**

CXCL2 / MIP2A (35-107, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CXCL2 / MIP2A (35-107, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MAPLATELRC QCLQTLQGIH LKNIQSVKVK SPGPHCAQTE VIATLKNQK ACLNPASPMV KKIIEKMLKN GKSN
Tag:	His-tag
Predicted MW:	10.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified peptide Buffer System: 20 mM Tris-HCl buffer (pH 8.0)
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified peptide
Protein Description:	Recombinant human CXCL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_002080</u>
Locus ID:	2920
UniProt ID:	<u>P19875</u> , <u>A0A024RDD9</u>
Cytogenetics:	4q13.3
Synonyms:	CINC-2a; GRO2; GROb; MGSA-b; MIP-2a; MIP2; MIP2A; SCYB2



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Summary: This antimicrobial gene is part of a chemokine superfamily that encodes secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CXC subfamily, is expressed at sites of inflammation and may suppress hematopoietic progenitor cell proliferation. [provided by RefSeq, Sep 2014]

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction, NOD-like receptor signaling pathway

Product images:

