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Product datasheet for AR09959PU-L

MIP1 alpha / CCL3 (24-92, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MIP1 alpha / CCL3 (24-92, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSLAADTPTA CCFSYTSRQI PQNFIADYFE TSSQCSKPGV IFLTKRSRQV CADPSEEWVQ KYVSDLELSA
Tag:	His-tag
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified peptide Buffer System: 10 mM Sodium Citrate (pH 3.5) containing 10% glycerol
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified peptide
Protein Description:	Recombinant human CCL3, fused to His-tag at N-terminus, was expressed in E.coli and purifed by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
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:	NP_002974
Locus ID:	6348
UniProt ID:	P10147, A0N0R1
Cytogenetics:	17q12
Synonyms:	G0S19-1; LD78ALPHA; MIP-1-alpha; MIP1A; SCYA3

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Summary: This locus represents a small inducible cytokine. The encoded protein, also known as macrophage inflammatory protein 1 alpha, plays a role in inflammatory responses through binding to the receptors CCR1, CCR4 and CCR5. Polymorphisms at this locus may be associated with both resistance and susceptibility to infection by human immunodeficiency virus type 1.[provided by RefSeq, Sep 2010]

Protein Families: Druggable Genome, Secreted Protein

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

Product images:

15% SDS-PAGE (3ug)