

## Product datasheet for **TP723800**

### **CCL3 (NM\_002983) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human chemokine (C-C motif) ligand 3 (CCL3 / MIP-1alpha)
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Human CCL3, the region of Ala27-Ala92, from gene Accession# NM_002983.2
<b>Tag:</b>	Tag Free
<b>Predicted MW:</b>	7.5 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>98%, as determined by Coomassie stained SDS-PAGE.
<b>Buffer:</b>	1 x PBS
<b>Bioactivity:</b>	Bioactivity was measured by its property to chemoattract Baf3-hCCR5 transfectants in a dose dependent manner.
<b>Endotoxin:</b>	Less than 0.01 ng per µg protein as determined by the LAL method
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_002974</a>
<b>Locus ID:</b>	6348
<b>UniProt ID:</b>	<a href="#">P10147</a> , <a href="#">A0N0R1</a>
<b>RefSeq Size:</b>	813
<b>Cytogenetics:</b>	17q12
<b>RefSeq ORF:</b>	276
<b>Synonyms:</b>	G0S19-1; LD78ALPHA; MIP-1-alpha; MIP1A; SCYA3



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<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Protein Pathways:</b>	Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Toll-like receptor signaling pathway