

## Product datasheet for **TP723264**

### **CCL4L1 (NM\_207007) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human chemokine (C-C motif) ligand 4-like 2 (CCL4L2).
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	APMGSDPPTA CCFSYTARKL PRNFVVDYIE TSSLCSQPAV VFQTKRSKQV CADPSESWWQ EYVYDLELN
<b>Tag:</b>	Tag Free
<b>Predicted MW:</b>	7.7 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
<b>Bioactivity:</b>	Determined by it's ability to chemoattract CCR5 transfected cells using a concentration of 0.1-10.0 ng/ml
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_996890</a>
<b>Locus ID:</b>	388372
<b>UniProt ID:</b>	<a href="#">P13236</a> , <a href="#">Q8NHW4</a> , <a href="#">B7ZW36</a>
<b>RefSeq Size:</b>	685
<b>Cytogenetics:</b>	17q12
<b>RefSeq ORF:</b>	276
<b>Synonyms:</b>	AT744.2; CCL4L; LAG-1; LAG1; MIP-1-beta; SCYA4L; SCYA4L1; SCYA4L2



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**Summary:** This gene is one of several cytokine genes that are clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins that function in inflammatory and immunoregulatory processes. The protein encoded by this family member is similar to the chemokine (C-C motif) ligand 4 product, which inhibits HIV entry by binding to the cellular receptor CCR5. The copy number of this gene varies among individuals, where most individuals have one to five copies. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Cytosolic DNA-sensing pathway