

## Product datasheet for **TP723294**

### CCL28 (NM\_148672) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Human chemokine (C-C motif) ligand 28 (CCL28).                                       |
| Species:                              | Human  |
| Expression Host:                      | E. coli  |
| Expression cDNA Clone or AA Sequence: | SEAILPIASS CTEVSHHIS RLLERVNMC RIQRADGDCD LAAVILHVKR RRICVSPHNH TVKQWMKVQA AKKNGKGNVC HRKKHHGKRN SNRAHQGKHE TYGHKTPY |
| Tag:                                  | Tag Free   |
| Predicted MW:                         | 12.3 kDa   |
| Concentration:                        | lot specific   |
| Purity:                               | >95% as determined by SDS-PAGE and Coomassie blue staining   |
| Buffer:                               | Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2                             |
| Bioactivity:                          | Determined by its ability to chemoattract human lymphocytes using a concentration range of 1.0-10.0 ng/ml.           |
| Endotoxin:                            | Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)  |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for at least 6 months from date of receipt under proper storage and handling conditions.                      |
| RefSeq:                               | <a href="#">NP_683513</a>  |
| Locus ID:                             | 56477  |
| UniProt ID:                           | <a href="#">Q9NRJ3</a> , <a href="#">A0N0Q3</a>  |
| RefSeq Size:                          | 3126   |
| Cytogenetics:                         | 5p12   |
| RefSeq ORF:                           | 381  |
| Synonyms:                             | CCK1; MEC; SCYA28  |



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**Summary:**

This antimicrobial gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for resting CD4 or CD8 T cells and eosinophils. The product of this gene binds to chemokine receptors CCR3 and CCR10. This chemokine may play a role in the physiology of extracutaneous epithelial tissues, including diverse mucosal organs. Multiple transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]

**Protein Families:**

Druggable Genome, Secreted Protein

**Protein Pathways:**

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

**Product images:**