

## Product datasheet for **TP723816**

### Eotaxin 2 (CCL24) (NM\_002991) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human chemokine (C-C motif) ligand 24 (CCL24 / Eotaxin-2)
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Human CCL24, the region of Val27-Cys119, from gene Accession# NM_002991.2 was expressed in E.coli.
<b>Tag:</b>	Tag Free
<b>Predicted MW:</b>	10.4 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-mCCR3 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>	<u><a href="#">NP_002982</a></u>
<b>Locus ID:</b>	6369
<b>UniProt ID:</b>	<u><a href="#">Q00175</a></u>
<b>RefSeq Size:</b>	360
<b>Cytogenetics:</b>	7q11.23
<b>RefSeq ORF:</b>	357
<b>Synonyms:</b>	Ckb-6; MPIF-2; MPIF2; SCYA24



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**Summary:**

This 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 on resting T lymphocytes, a minimal activity on neutrophils, and is negative on monocytes and activated T lymphocytes. This protein also has antimicrobial activity, displaying an antibacterial effect on *S. pneumoniae*, *S. aureus*, Non-typeable *H. influenzae*, and *P. aeruginosa*. Finally, the protein is a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line. [provided by RefSeq, Jul 2020]

**Protein Families:**

Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:**

Chemokine signaling pathway, Cytokine-cytokine receptor interaction