

# Growth Factor Data Sheet

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CCL26 is a chemokine containing four conserved cysteine residues, two of which are adjacent. It is expressed ubiquitously in various tissues and expression is induced in vascular endothelial cells by IL4 and IL13. CCL26 is chemotactic for normal peripheral blood eosinophils and basophils and is involved in activation of fibroblasts and eosinophils. CCL26 is a ligand for CCR3 and CX3CR1. It is also a natural antagonist for CCR1, CCR2, and CCR5.

<b>Catalog Number</b>	<b>2140-26</b>
<b>Product Name</b>	<b>CCL26, Human</b> Recombinant Human Chemokine (C-C motif) Ligand 26 (CCL26) Thymic Stroma Chemokine (TSC, TSC1) Small Inducible Cytokine Subfamily A Member 26 (SCYA26) Macrophage Inflammatory Protein 4, Alpha (MIP4 $\alpha$ , MIP-4 $\alpha$ ) Eotaxin 3
<b>Source</b>	<i>Escherichia coli</i>
<b>MW</b>	~8.4 kDa (71 amino acids)
<b>Sequence</b>	TRGSDISKTC CFQYSHKPLP WTWVRSYEFT SNSCSQRAVI FTTKRGKKVC THPRKKWVQK YISLLKTPKQ L
<b>Accession Number</b>	<a href="#">Q9Y258</a>
<b>Purity</b>	>97% by SDS-PAGE and HPLC analyses
<b>Biological Activity</b>	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human CCR3 transfected HEK293 cells is in a concentration range of 0.5-2.0 $\mu$ g/ml.
<b>Formulation</b>	Sterile filtered white lyophilized powder. Purified and tested for use in cell culture.
<b>Storage/Handling</b>	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage. The reconstituted sample can be apportioned into working aliquots and stored at -80 °C for up to 6 months. Avoid repeated freeze/thaw cycles.
<b>Reconstitution</b>	The sample should be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in a siliconized tube using PBS that contains a 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Reconstituted solutions are stable for up to one week at 2-8°C. Stock solutions should be aliquoted and stored at -80°C. Further dilutions should be made in appropriate buffered solutions containing BSA or serum.