

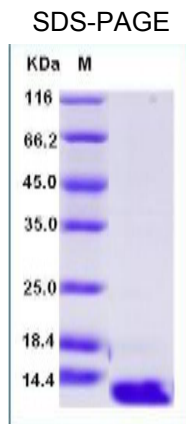
## CCL26

### Recombinant Human CCL26 / Eotaxin-3

<b>Catalog No.</b>	CRH516A CRH516B	<b>Quantity:</b>	20 µg 100 µg
<b>Alternate Names:</b>	C-C motif chemokine 26, CC chemokine IMAC, Eotaxin-3, Macrophage inflammatory protein 4-alpha, MIP-4-alpha, Small-inducible cytokine A26, Thymic stroma chemokine-1, TSC-1		
<b>Description:</b>	<p>The eotaxin subfamily of CC chemokines consists of eotaxin-1/CCL11, eotaxin-2/CCL24 and eotaxin-3/CCL26. All eotaxins induce the trafficking of eosinophils to the sites of inflammation via CC chemokine receptor 3 (CCR3), which is also expressed by several different cell types, including basophils, dendritic cells, smooth muscle cells, epithelial cells and fibroblasts. The sequence similarity between the three eotaxins is limited (&lt;4%), but their functional properties are very similar. Eotaxin-1 and -2 are expressed by both haematopoietic and non-haematopoietic cells, but eotaxin-3 expression has been reported to be limited to non-haematopoietic cells. Interleukin (IL)-4 is the main inducer for eotaxin-3 expression, whereas eotaxin-1 is up-regulated by IL-4 and the proinflammatory cytokine tumour necrosis factor (TNF)-α. Eotaxin-3 is expressed in vascular endothelial cells and human dermal fibroblasts after IL-4 and IL-13 stimulation, and this is dependent upon the IL-4-/IL-13-specific transcription factor, signal transducers and activator of transcription (STAT)-6. Eotaxin-3 is expressed on the surface of IL-4-stimulated endothelial cells and promotes eosinophil transmigration.</p>		
<b>UniProt ID:</b>	Q9Y258		
<b>Accession Number:</b>	NP_006063.1		
<b>Protein Construction:</b>	A DNA sequence encoding the human CCL26 (Met1-Leu94) was expressed.		
<b>Source:</b>	Baculovirus-Insect Cells		
<b>Formulation:</b>	Lyophilized from sterile 20 mM Tris, 300 mM NaCl, pH 8.0, 10 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.		
<b>Molecular Weight:</b>	The recombinant human CCL26 consists of 71 amino acids and predicts a molecular mass of 8.4 kDa.		
<b>Purity:</b>	> 95 % as determined by SDS-PAGE.		
<b>Endotoxin Level:</b>	< 1.0 EU per µg protein as determined by the LAL method.		
<b>Biological Activity:</b>	Testing in progress		
<b>Predicted N-terminal:</b>	Thr 24		
<b>Reconstitution:</b>	<p><b>Centrifuge vial prior to opening.</b> Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. <b>DO NOT VORTEX.</b> Allow several minutes for complete reconstitution.</p>		

**Storage & Stability:**

Stable for up to 1 year from date of receipt at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$   
After reconstitution, store working aliquots at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .  
**Avoid repeated freeze-thaw cycles.**



**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**