

ChemWhat Technical Data Sheet (TDS)

Catalog Number:	204-26
Source:	<i>Escherichia coli</i> .
Molecular Weight:	Approximately 8.4 kDa, a single non-glycosylated polypeptide chain containing 71 amino acid residues.
Quantity:	5µg /20µg /1000µg
AA Sequence:	TRGSDISKTC CFQYSHKPLP WTWVRSYEFT SNSCSQRAVI FTTKRGKKVC THPRKKWVQK YISLLKTPKQ L
Purity:	> 97 % by SDS-PAGE and HPLC analyses.
Biological Activity:	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 µg/ml.
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Endotoxin:	Less than 1 EU/µg of rHuEotaxin-3/CCL26 as determined by LAL method.
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none">● 12 months from date of receipt, -20 to -70 °C as supplied.● 1 month, 2 to 8 °C under sterile conditions after reconstitution.● 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Usage:	ChemWhat Limited in UK offers this branded product for research, development or further evaluation purposes. NOT FOR HUMAN USE.

Human Eotaxin-3/CCL26

CCL26 is novel CC family chemokine, also known as TARC (thymus and activation regulated chemokine). It is encoded by CCL26 gene, which is located on Chr.7 in humans, and ubiquitously expressed at low levels in various tissues including heart and ovary. CCL26 elicits its effects activity by binding to the cell surface chemokine receptor CCR3, and chemotactic for eosinophils and basophils.