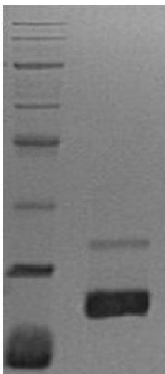
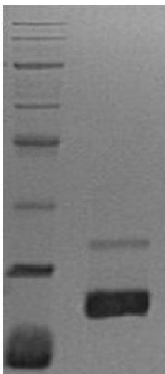
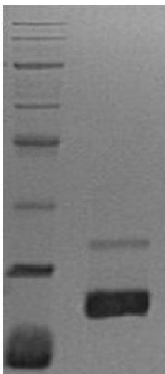


Recombinant Human IL-8

Catalog#:P01228 Derived from *E.coli*

DESCRIPTION	<p>Recombinant Human Interleukin-8 is produced by our <i>E.coli</i> expression system and the target gene encoding Ser28-Ser99 is expressed.</p> <p>Accession#: P10145</p> <p>Known as: Interleukin-8; IL-8; C-X-C Motif Chemokine 8; Emoctakin; Granulocyte Chemotactic Protein 1; GCP-1; Monocyte-Derived Neutrophil Chemotactic Factor; MDNCF; Monocyte-Derived Neutrophil-Activating Peptide; MONAP; Neutrophil-Activating Protein 1; NAP-1; Protein 3-10C; T-Cell Chemotactic Factor; IL8; CXCL8</p>													
FORMULATION	Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4.													
SHIPPING	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>													
STORAGE	<p>Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt.</p> <p>Reconstituted protein solution can be stored at 2-8$^{\circ}\text{C}$ for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.</p>													
RECONSTITUTION	<p><i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i></p> <p><i>It is not recommended to reconstitute to a concentration less than 100$\mu\text{g}/\text{ml}$.</i></p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>													
QUALITY CONTROL	<p>Mol Mass:8.45kDa AP Mol Mass:10kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1ng/μg (1 EU/μg) as determined by LAL test.</p>													
BACKGROUND	<p>Interleukin-8 (IL-8) belongs to the neutrophil-specific CXC family of chemokines. It is one of the initial cytokines released from a variety of cell types, including T cells, endothelial cells and fibroblasts, in response to an inflammatory stimulus and acts by recruiting neutrophils, T-cells and basophils to the site of inflammation. Elevated Interleukin-8 levels are associated with the onset of a variety of disease states.</p>													
<p>SDS-PAGE</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: left;">kDa</th> <th style="text-align: center;">MK</th> <th style="text-align: center;">R</th> </tr> </thead> <tbody> <tr> <td>120</td> <td colspan="2" rowspan="10">  </td> </tr> <tr><td>90</td></tr> <tr><td>60</td></tr> <tr><td>40</td></tr> <tr><td>30</td></tr> <tr><td>20</td></tr> <tr><td>14</td></tr> <tr><td>7</td></tr> </tbody> </table>		kDa	MK	R	120			90	60	40	30	20	14	7
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