

## PRODUCT INFORMATION

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| <b>Target</b>                           | CXCL5  |
| <b>Synonyms</b>                         | C-X-C Motif Chemokine 5;ENA-78 (1-78);Epithelial-Derived Neutrophil-Activating Protein 78;Neutrophil-Activating Peptide ENA-78;Small-Inducible Cytokine B5;ENA-78 (8-78);ENA-78 (9-78);CXCL5;ENA78;SCYB5   |
| <b>Description</b>                      | Recombinant Human C-X-C Motif Chemokine 5 is produced by our E.coli expression system and the target gene encoding Leu44-Asn114 is expressed.  |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | P42830   |
| <b>Expression Host</b>                  | E.coli   |
| <b>Tag</b>                              |  |
| <b>Molecular Characterization</b>       | Not available  |
| <b>Molecular Weight</b>                 | 7.95 KDa   |
| <b>Purity</b>                           | Greater than 95% as determined by reducing SDS-PAGE.   |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from a 0.2 µm filtered solution of 20mM PB, pH 6.0.  |
| <b>Storage&amp;Shipping</b>             | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.  |
| <b>Background</b>                       | C-X-C Motif Chemokine 5 (CXCL5) is a member of the Intercrine Alpha (Chemokine CXC) family. CXCL5 can be cleaved into the following two chains, ENA-78 (8-78) and ENA-78 (9-78). In vitro, ENA-78(8-78) and ENA-78 (9-78) show a threefold higher chemotactic activity for neutrophil granulocytes. CXCL5 is a secreted protein and exercises the functions primarily through interactions with CXCR2. The upregulation of CXCL5 contributes to increased vascularization, tumor growth, and metastasis in many cancers. |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |



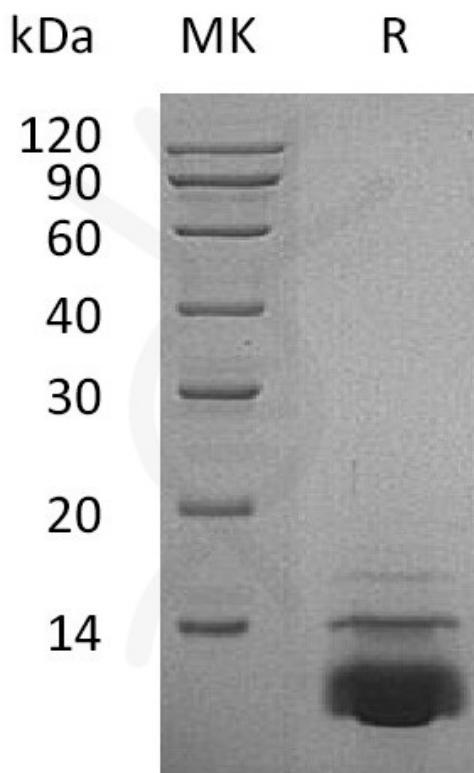


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

