

**CXCL5, ENA-78**  
**Catalog # PVGS1394****Specification**

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**CXCL5, ENA-78 - Product Information**

Primary Accession [P97885.1](#)  
**Species**  
Rat

**Sequence**

APFSAMVATE LRCVCLTLAP RINPKMIANL EVIPAGPHCP KVEVIAKLKN QKDNVCLDPQ APLIKKVIQK  
ILGSENKGTK RNALALVR

**Purity**

> 98% as analyzed by SDS-PAGE.

**Endotoxin Level**

< 0.2 EU/ µg, determined by LAL method.

**Formulation**

**Lyophilized after extensive dialysis against PBS.**

**Reconstitution**

Reconstituted in ddH<sub>2</sub>O or PBS at 100 µg/ml.

**CXCL5, ENA-78 - Additional Information****Target Background**

LPS-induced CXC chemokine (LIX), also known as C-X-C motif chemokine 5 (CXCL5), is a small cytokine belonging to the CXC chemokine family that is also known as epithelial-derived neutrophil-activating peptide 78 (ENA-78). It is produced following stimulation of cells with the inflammatory cytokines interleukin-1 or tumor necrosis factor-α. Rat LIX cDNA encodes a 130 aa residue precursor with a predicted 37 aa residue signal peptide and a 93 aa residue mature protein. Among human CXC chemokines, rat LIX is most closely related to human GCP-2 and ENA-78. LIX can signal through the CXCR2 receptor. Recombinant rat LIX/CXCL5 (88aa) produced in CHO cells is a polypeptide chain containing 88 amino acids. A fully biologically active molecule, rrLIX/CXCL5 (88aa) has a molecular mass of 9.6 kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques at .

**CXCL5, ENA-78 - Protein Information****CXCL5, ENA-78 - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CXCL5, ENA-78 - Images**