

CXCL5, ENA-78

Catalog # PVGS1394

Specification

CXCL5, ENA-78 - Product Information

Primary Accession

P97885.1

Species Rat

Sequence

APFSAMVATE LRCVCLTLAP RINPKMIANL EVIPAGPHCP KVEVIAKLKN QKDNVCLDPQ APLIKKVIQK ILGSENKKTK 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 ddH₂0 or PBS at 100 μ g/ml.

CXCL5, ENA-78 - Additional Information

Target Background

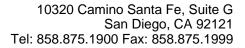
LPSinduced CXC chemokine (LIX), also known as C-X-C motif chemokine 5(CXCL5), is a small cytokine belonging to the CXC chemokine family that is also known as epithelial-derived neutrophil-activating peptide 78 (ENA-78). It is produced following stimulation of cells with the inflammatory cytokines interleukin-1 or tumor necrosis factor-alpha. 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.
br>Recombinant
brat LIX/CXCL5 (88aa) </br/>/b> 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
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CXCL5, ENA-78 - Images