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# ENA 78, mouse recombinant protein

**C-X-C motif chemokine 5, Small-inducible cytokine B5, Cytokine LIX, Cxcl5, Scyb5, LIX, GCP-2, Scyb6,**

**Catalog # PBV10245r**

## Specification

### ENA 78, mouse recombinant protein - Product info

| | |
|---|---|
| Primary Accession | P50228 |
| Calculated MW | **9.8 kDa KDa** |

### ENA 78, mouse recombinant protein - Additional Info

| | |
|---|---|
| Gene ID | **Mm:4660** |
| Gene Symbol | **CXCL5** |

**Other Names**
C-X-C motif chemokine 5, Small-inducible cytokine B5, Cytokine LIX, Cxcl5, Scyb5, LIX, GCP-2, Scyb6, ENA-78, AMCF-II.

| | |
|---|---|
| Gene Source | **Mouse** |
| Source | **E. coli** |
| Assay&Purity | **SDS-PAGE; ≥97%** |
| Assay2&Purity2 | **HPLC; ≥97%** |
| Recombinant | **Yes** |
| Sequence | **APSSVIAATE LRCVCLTVTP KINPKLIANL EVIPAGPQCP TVEVIAKLKN QKEVCLDPEA PVIKKIIQK ILGSDKKKAK RNALAVERTA SVQ** |

**Target/Specificity**
ENA 78

**Application Notes**
Reconstitute in sterile dd$H_2O$ to a concentration ≥ 100 µg/ml. This solution can then be diluted into other aqueous buffers.

**Format**
Lyophilized protein

**Storage**
-20°C; Lyophilized from a sterile filtered solution containing 20 mM sodium phosphate buffer, pH 7.4 and 150 mM NaCl.

### ENA 78, mouse recombinant protein - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**ENA 78, mouse recombinant protein - Images**

**ENA 78, mouse recombinant protein - Background**

Chemokine (C-X-C motif) ligand 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. Expression of CXCL5 has also been observed in eosinophils, and can be inhibited with the type II interferon IFN-?. This chemokine stimulates the chemotaxis of neutrophils possesses angiogenic properties. It elicits these effects by interacting with the cell surface chemokine receptor CXCR2. The gene for CXCL5 is encoded on four exons and is located on human chromosome 4 amongst several other CXC chemokine genes. CXCL5 has been implicated in connective tissue remodelling. Epithelial Neutrophil-Activating Protein 78 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 93 amino acids and having a molecular mass of 9.8kDa.The CXCL5 is purified by proprietary chromatographic techniques