

## Mouse LIX (CXCL6) (70a.a)

<b>Alternate names:</b>	C-X-C motif chemokine 6, CKA-3, CKA-3, Chemokine alpha 3, Granulocyte chemotactic protein 2, SCYB6, Small-inducible cytokine B6
<b>Catalog No.:</b>	AR31094PU-S
<b>Quantity:</b>	5 µg
<b>Background:</b>	LIX is a CXC chemokine that signals through the CXCR2 receptor. It is expressed in monocytes, platelets, endothelial cells, and mast cells. LIX is a chemoattractant for neutrophils. The two naturally occurring variants of LIX; LIX 1-78 (GCP-2) and LIX 9-78 (GCP-2), contain 78 and 70 amino acid residues, respectively. LIX contains the four conserved cysteine residues present in CXC chemokines, and also contains the 'ELR' motif common to CXC chemokine that bind to the CXCR1 and CXCR2 receptors.
<b>Species:</b>	Mouse
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Lyophilized purified protein <b>Purity:</b> >98% pure by SDS-PAGE and HPLC analyses without additives <b>Reconstitution:</b> Restore in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 2-8°C for 1 week or -20°C for future use.
<b>Description:</b>	Recombinant murine LIX is a 7.6 kDa protein consisting of amino acid residues 9-78 of the full length LIX protein (70 amino acids). <b>AA Sequence:</b> TELRVCVCLTV TPKINPKLIA NLEVIPAGPQ CPTVEVIAKL KNQKEVCLDP EAPVIKKIIQ KILGSDKKKA <b>Biological Activity:</b> Determined by its ability to chemoattract human neutrophils using a concentration range of 10.0-100.0 ng/ml. <b>Molecular weight:</b> 7.6 kDa
<b>Storage:</b>	Store the lyophilized protein at -20°C. Reconstituted Murine LIX should be stored in working aliquots with a carrier protein at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.