

Recombinant Rat LPS-induced CXC Chemokine/CXCL5

Catalog No: #AP60368

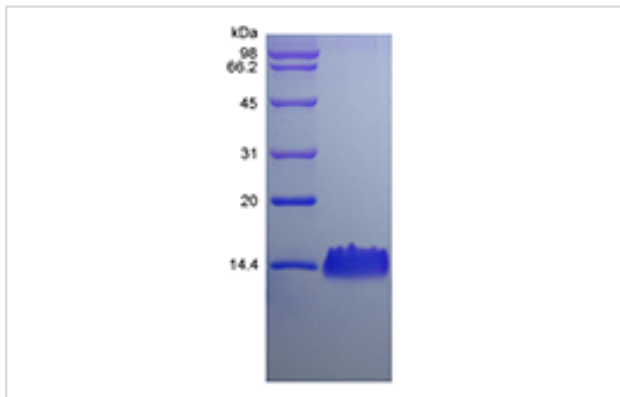
Package Size: #AP60368-1 5ug #AP60368-2 100ug #AP60368-3 500ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Rat LPS-induced CXC Chemokine/CXCL5
Host Species	Escherichia coli.
Purification	> 97 % by SDS-PAGE and HPLC analyses.
Other Names	Cytokine LIX, Small-inducible Cytokine B5
Calculated MW	Approximately 10.1 kDa, a single, non-glycosylated polypeptide chain containing 93 amino acids.
Target Sequence	APFSAMVATE LRCVCLTLAP RINPKMIANL EVIPAGPHCP KVEVIAKLKN QKDNVCLDPQ APLIKKVIQK ILGSENKTK RNALALVRSR STQ
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 2 x PBS, pH 7.4.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> -□ A minimum of 12 months from date of receipt, when stored at &le;-20 °C as supplied. -□ 1 month, 2 to 8 °C under sterile conditions after reconstitution. -□ 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Images



Background

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. The expression of CXCL5 has also been observed in eosinophils, and can be inhibited with the type II interferon IFN-γ. Recombinant rat CXCL5 contains 93 amino acids which is a single, non-glycosylated polypeptide chain. Rat CXCL5 shares 57 % amino acid sequence identity with human CXCL5.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.