



Recombinant Protein Technical Manual
Recombinant Mouse CXCL15/Lungkine Protein (His
Tag)
RPES0243

Product Data:

Product SKU: RPES0243

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: Q9WVL7

Protein Information:

Molecular Mass: 17.4 kDa

AP Molecular Mass: 20-22 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,pH8.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: C-X-C motif chemokine 15;Cxcl15;Lungkine;Small-inducible cytokine B15;Scyb15

Immunogen Information:

Sequence: Gln26-Ala167

Background:

Mouse C-X-C motif chemokine 15, also known as Cxcl15, is a secreted protein which is member of the ELR motif-containing CXC chemokines. It expressed at low levels in fetal lung, the expression restricted to the lung, produced by bronchoepithelial cells and is released into the airways. It plays an important role in lung-specific neutrophil trafficking during normal and inflammatory conditions. It also appears chemotactic for neutrophils.