



Recombinant Protein Technical Manual

Recombinant Mouse CXCL16 Protein (His Tag)

RPES0262

Product Data:

Product SKU: RPES0262

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: Q8BSU2

Protein Information:

Molecular Mass: 20.1 kDa

AP Molecular Mass: 35 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 PBS, pH 7.4 .

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

Application:

Synonyms: C-X-C motif chemokine 16; Scavenger receptor for phosphatidylserine; oxidized low density lipoprotein; Small-inducible cytokine B16; Transmembrane chemokine CXCL16; SR-PSOX; Zmynd15

Immunogen Information:

Sequence: Asn27-Trp201

Background:

CXCL16 is a single-pass type I membrane protein, which consists of 246 amino acids, CXCL16 induces a strong chemotatic response and calcium mobilization. CXCL16 acts as a scavenger receptor on macrophages, which specially binds to oxidized low density lipoprotein. CXCL16 may involves in pathophysiology such as atherogenesis. Soluble CXCL16 may play an important role in liver metastases through the induction of epithelial-mesenchymal transition.