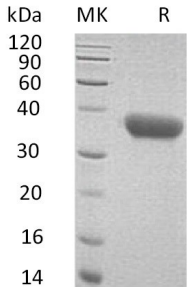
Product Name: Recombinant Mouse CXCL16 (C-6His)
Catalog #: PHM0473

Summary

Name	CXCL16/SR-PSOX
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse C-X-C Motif Chemokine 16 is produced by our Mammalian expression system and the target gene encoding Asn27-Trp201 is expressed with a 6His tag at the C-terminus.
Accession #	Q8BSU2
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	20.1 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names	C-X-C motif chemokine 16;Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein (SR-PSOX); Small-inducible cytokine B16; Transmembrane chemokine CXCL16; SR-PSOX; Zmynd15
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.

Note

For Research Use Only , Not for Diagnostic Use.