

Recombinant Horse CXCL17 Protein, His-tagged

Cat. No. CXCL17-367H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Horse CXCL17 Protein (Ser23-Leu119) with N-His tag was expressed in E. coli.
Species	Horse
Source	E.coli
ProteinLength	Ser23-Leu119
Description	The protein encoded by this gene is a mucosal chemokine that attracts immature dendritic cells and blood monocytes to the lungs. The encoded protein also promotes tumorigenesis through an angiogenic activity. Finally, this protein exhibits strong antimicrobial activity against E. coli, S. aureus, Salmonella, P. aeruginosa, and C. albicans. Two transcript variants, one protein-coding and the other non-protein coding, have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.9 kDa Accurate Molecular Mass: 15 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	CXCL17 C-X-C motif chemokine ligand 17 [<i>Equus caballus</i> (horse)]
Official Symbol	CXCL17
Synonyms	CXCL17; C-X-C motif chemokine ligand 17; C-X-C motif chemokine 17; VEGF coregulated chemokine 1
Gene ID	100629292
mRNA Refseq	XM_003362327
Protein Refseq	XP_003362375
UniProt ID	F7DX64

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