

Active Recombinant Human IL16 protein, His-tagged

Cat. No. IL16-2586H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL-16 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Pro2-Ser130) of human IL-16 (Accession #NP_757366.2) fused with a 6×His tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	Pro2-Ser130
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant human IL16 at 5 µg/mL (100 µL/well) can bind Recombinant human CD4 with a linear range of 0.2-1 µg/mL.
Molecular Mass	20 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name IL16 interleukin 16 [Homo sapiens]

Official Symbol IL16

Synonyms IL16; interleukin 16; interleukin 16 (lymphocyte chemoattractant factor); pro-interleukin-16; FLJ16806; FLJ42735; HsT19289; IL 16; LCF; lymphocyte chemoattractant factor; prIL 16; prointerleukin 16; neuronal interleukin 16; NIL16; PRIL16; prIL-16; FLJ44234;

Gene ID 3603

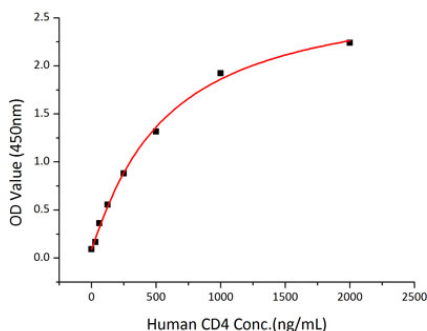
mRNA Refseq NM_001172128

Protein Refseq NP_001165599

MIM 603035

UniProt ID Q14005

Bio-activity

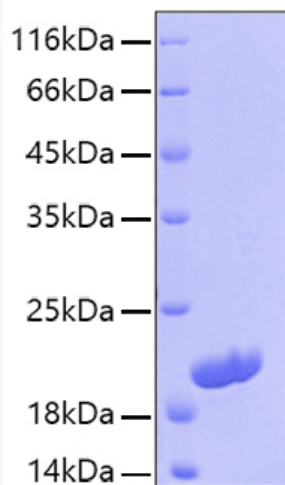


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SDS-PAGE



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