

Active Recombinant Human IL16 protein, His-tagged

Cat. No. IL16-739H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL16 protein(Pro2-Ser130), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-130 aa
Form	Lyophilized from a 0.22 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.
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	14.09 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.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

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

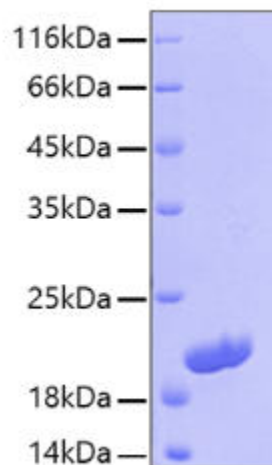
UniProt ID [Q14005](#)

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SDS-PAGE



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