

Active Recombinant Human IL36A protein

Cat. No. IL36A-506H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL36A protein(Q9UHA7) (Met 1-Phe 158) was expressed and purified in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-158 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in 2 × PBS, pH 7.4.
Bio-activity	Fully biologically active when compared to standard. The specific activity determined by its ability in a functional ELISA. Immobilized rHuIL-36α at 1 µg/mL can bind recombinant human IL-1 Rrp2 Fc Chimera with a range of 0.15-5 µg/mL.
Molecular Mass	Approximately 17.7 kDa, a single non-glycosylated polypeptide chain containing 158 amino acids.
AASequence	MEKALKIDTP QQGSIQDINH RVWVLQDQTL IAVPRKDRMS PVTIALISCR HVETLEKDRG NPIYLG LNL NLCLMCAKVG DQPTLQLKEK DIMDLYNQPE PVKSFLFYHS QSGRNSTFES VAFPGWFIAV SSEGGCPLIL TQELGKANTT DFGLTMLF
Endotoxin	Less than 1 EU/µg of rHuIL-36α, 158a.a. as determined by LAL method.

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Purity	> 95 % by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤ -20°C.
GENE INFORMATION	
Gene Name	IL36A interleukin 36, alpha [Homo sapiens]
Official Symbol	IL36A
Synonyms	IL36A; interleukin 36, alpha; IL1F6, interleukin 1 family, member 6 (epsilon); interleukin-36 alpha; FIL1; FIL1E; IL 1F6; IL1(EPSILON); MGC129552; MGC129553; FIL1 epsilon; IL-1 epsilon; interleukin-1 epsilon; IL-1F6 (FIL-1-epsilon); interleukin 1, epsilon; interleukin-1 family member 6; interleukin 1 family, member 6 (epsilon); IL1F6; IL-1F6; FIL1(EPSILON);
Gene ID	27179
mRNA Refseq	NM_014440
Protein Refseq	NP_055255
MIM	605509

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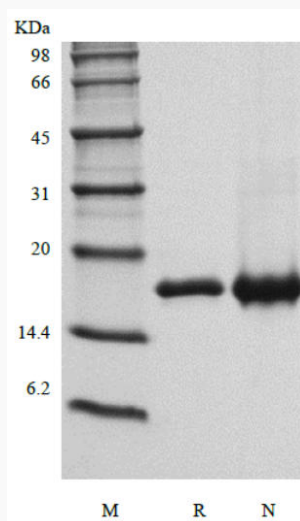
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UniProt ID

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SDS-PAGE

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