

Recombinant Mouse Il36a protein, His-tagged

Cat. No. Il1f6-49M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Il36a, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	E.coli
Description	Il36a also known as Interleukin-36 alpha. Il36a participates in cytokine/chemokine production in the epithelium. Part of the Il36a signaling system that is thought to be present in epithelial barriers and to take part in local inflammatory response; similar to the IL-1 system with which it shares the coreceptor IL1RAP.
Form	Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% glycerol
Molecular Mass	20.4kDa (183aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNKEKEL RAASPSLRHV QDLSSRVWIL QNNILTAVPR KEQTVPTIT LLPCQYLDL ETNRGDPTYMGVQRPMSCLF CTKDGEQPVL QLGEKNMEM YNKKEPVKAS LFYHKKSGTT STFESAAPFG WFIAVCSKGS CPLILTQELG EIFITDFEMIVVH
Purity	>90% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing

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cycles.

Concentration 1mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name [Il1f6 interleukin 1 family, member 6 \[Mus musculus \]](#)

Official Symbol [Il1f6](#)

Synonyms Fil1; Il1f9; Il36a; IL-1H1; IL1RP2; FIL1 epsilon; Fil1epsilon; IL-1 epsilon; IL-1F6; interleukin 1 family, member 6 (epsilon); interleukin 1 family, member 9; interleukin-1 epsilon; interleukin-1 family member 6; interleukin-1 homolog 1

Gene ID [54448](#)

mRNA Refseq [NM_019450](#)

Protein Refseq [NP_062323](#)

MIM

UniProt ID [Q9JLA2](#)

Chromosome Location 2 A3; 2 16.26 cM

Function cytokine activity; interleukin-1 receptor binding; interleukin-1 receptor binding

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