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 KEQTVPVTIT LLPCQYLDTL ETNRGDPTYMGVQRPMSCLF CTKDGEQPVL QLGEGNIMEM YNKKEPVKAS LFYHKKSGTT STFESAAFPG 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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