

# Product information

**Il36a, 1-160aa**

**Mouse, His-tagged, Recombinant, *E.coli***

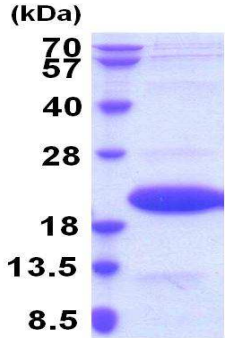
**Cat. No. IBATGP3166**

**Full name:** Interleukin-36 alpha

**NCBI Accession No.:** NP\_062323

**Synonyms:** Fil1, IL-1H1, Il1f9, IL1RP2, Il36a

**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. Recombinant mouse Il36a, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p><b>Form:</b> Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% glycerol</p> <p><b>Molecular Weight:</b> 20.4kDa (183aa) confirmed by MALDI-TOF</p> <p><b>Purity:</b> &gt; 90% by SDS - PAGE</p> <p><b>Concentration:</b> 1mg/ml (determined by Absorbance at 280nm)</p>	 <p>(kDa)</p> <p>70</p> <p>57</p> <p>40</p> <p>28</p> <p>18</p> <p>13.5</p> <p>8.5</p> <p>15% SDS-PAGE (3ug)</p>
<p><b>Sequences of amino acids:</b></p> <p>MGSSHHHHH SSGLVPRGSH MGS MNKEKEL RAASPSLRHV QDLSSRWIL QNNILTAVPR KEQTPVTIT LLPCQYLDL ETNRGDPTYM  GVQRPMSCLF CTKDGEQPV LQLGEGNIMEM YNKKEPVKAS LFYHKKSGTT STFESAAPFG WFI AVCSKGS CPLILTQELG EIFITDFEMI  VVH</p>	

**General references:**

Ichii O., *et al.* (2010) *Lab Invest.* 90(3):459-75.

R Debets., *et al.* (2004) *J Biol Chem.* 279(14):13677-88

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)  
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA  
Phone: (888) 523-1246 Fax.: (763) 780-2988  
Email: [info@ibl-america.com](mailto:info@ibl-america.com) Web: [www.ibl-america.com](http://www.ibl-america.com)