

Recombinant Human IL36G; Protein, His-tagged

Cat. No. IL36G;-2316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL36G; Protein (Met1-Ala162) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ala162
Description	The protein encoded by this gene is a member of the interleukin 1 cytokine family. The activity of this cytokine is mediated by interleukin 1 receptor-like 2 (IL1RL2/IL1R-rp2), and is specifically inhibited by interleukin 1 family, member 5 (IL1F5/IL-1 delta). Interferon-gamma, tumor necrosis factor-alpha and interleukin 1, beta (IL1B) are reported to stimulate the expression of this cytokine in keratinocytes. The expression of this cytokine in keratinocytes can also be induced by a contact hypersensitivity reaction or herpes simplex virus infection. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.1 kDa Accurate Molecular Mass: 19 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).

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Purity	> 90%
Applications	Cell culture; Activity Assays.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (PH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	IL36G; interleukin 36 gamma [Homo sapiens (human)]
Official Symbol	IL36G;
Synonyms	IL36G; interleukin 36 gamma; IL1E; IL1F9; IL1H1; IL-1F9; IL-1H1; IL1RP2; IL-1RP2; interleukin-36 gamma IL-1 related protein 2 IL-1-epsilon interleukin 1-related protein 2 interleukin-1 epsilon interleukin-1 family member 9

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interleukin-1 homolog 1

Gene ID 56300

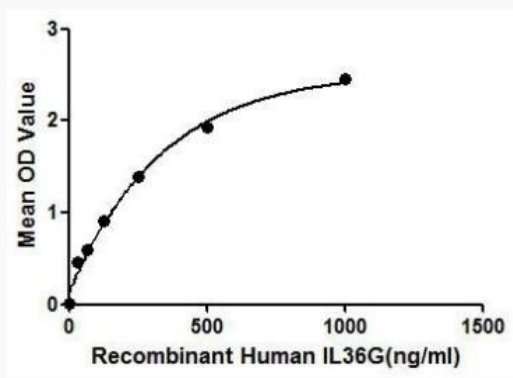
mRNA Refseq NM_001278568

Protein Refseq NP_001265497

MIM 605542

UniProt ID Q9NZH8

Bioactivity



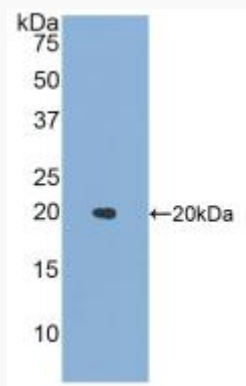
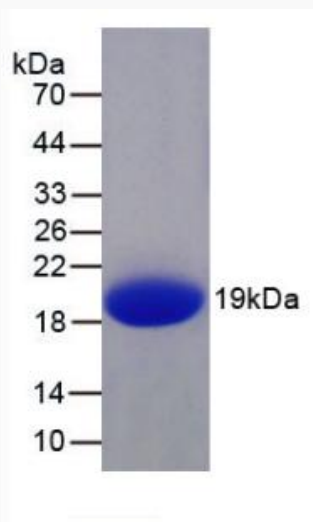
Binding activity

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