

Recombinant Human IL36G Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IL36G-5107H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IL1F9 MS Standard C13 and N15-labeled recombinant protein (NP_062564) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	18.7 kDa
AA Sequence	MRGTPGDADGGGRAVYQSMCKPITGTINDLNQQVWTLQGQNLVAVPRSDSVTPVT VAVITCKYPEALEQGRGDPYILGIQNPEMCLYCEKVGEQPTLQLKEQKIMDLYGQPE PVKPFLFYRAKTGRTSTLESVAFPDWFIASSKRDQPIILTSELGKSYNTAFELNINDTR TRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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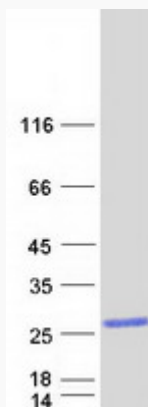
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	IL36G interleukin 36 gamma [Homo sapiens (human)]
Official Symbol	IL36G
Synonyms	IL36G; interleukin 36, gamma; IL1F9, interleukin 1 family, member 9; interleukin-36 gamma; IL 1F9; IL 1H1; IL 1RP2; IL1E; IL1H1; interleukin 1 related protein 2; interleukin 1 epsilon; interleukin 1 homolog 1; IL-1 epsilon; IL-1-epsilon; IL-1(EPSILON); interleukin-1 epsilon; IL-1 related protein 2; IL-1-related protein 2; interleukin-1 homolog 1; interleukin-1 family member 9; interleukin 1 family, member 9; interleukin 1-related protein 2; IL1F9; IL-1F9; IL-1H1; IL1RP2; IL-1RP2;
Gene ID	56300
mRNA Refseq	NM_019618
Protein Refseq	NP_062564
MIM	605542
UniProt ID	Q9NZH8

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SDS-PAGE

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