

## Recombinant Human IL36A

Cat No:HR2R1602

For research use only

### Overview

Quantity	20 ?g
Gene Symbol	IL36A
Gene ID	27179
Accession	Q9UHA7
Alternative Name	IL-1 Epsilon, FIL1 epsilon, Interleukin-1 family member 6, IL-1F6, IL-36 gamma, IL-1F, IL-1H1 Recombinant Human Interleukin-36 alpha (IL36A)
Species	Human
Source	E. coli
Description	IL-1 epsilon is an actively secreted member of the IL-1 family of cytokines. It is mainly expressed in tissues with epithelial cells and in psoriatic plaques, as well as by monocytes, B cells and T cells. IL-1 epsilon has been shown to signal through the IL-Rrp2 receptor which is primarily expressed on certain dendritic cells, and to act as an agonist of NF-kappaB which then stimulates the inflammatory response in bronchial epithelial cells.
Functions	N.A.
Formulation	Lyophilized from a 0.2 ?m filtered solution in PBS, NaCl and Tween? 20 with BSA as a carrier protein
Solubility	Reconstitute at 10 ?g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin
Appearance	Lyophilized Powder
Molecular Weight	17.4
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70?C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8?C for one month, or at -20?C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.