Recombinant Human IL-36 alpha/IL-1F6 Protein

Catalog No.: RP00027

www.abclonal.com

Sequence Information

Species
Human

Gene ID
27179

Swiss Prot
Q9UHA7

Tags
C-His

Synonyms
IL36A,FIL1,FIL1(EPSILON),FIL1E,IL-1F6,IL1(EPSILON),IL1F6

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
18.52 kDa

Observed MW
14-18 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Interleukin-1 family member 6 (IL-1F6), also known as interleukin 36, alpha (IL36A), is a pro-inflammatory cytokine which plays an important role in innate and adaptive immunity.IL-1F6 can activate NF-kappa-B and MAPK signaling pathways to generate an inflammatory response. The encoded protein functions primarily in skin and demonstrates increased expression in psoriasis. In addition, decreased expression of this protein has been linked to a poor prognosis in both hepatocellular carcinoma and colorectal cancer patients.

Basic Information

Description
Recombinant Human IL-36 alpha/IL-1F6 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Phe158) of human IL-36 alpha (Accession #NP_055255.1) fused with a 6×His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

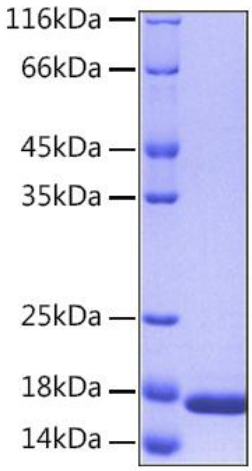
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human IL-36 alpha/IL-1F6 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.