

[Go to Product page](#)

Datasheet for ABIN7520124 IL36A/IL1F6 Protein (His tag)

Overview

Quantity:	10 µg
Target:	IL36A/IL1F6 (IL1F6)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL36A/IL1F6 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human IL-36 alpha/IL-1F6 Protein
Sequence:	MEKALKIDTP QQGSIQDINH RVWVLQDQTL IAVPRKDRMS PVTIALISCR HVETLEKDRG NPIYLG LNLGL NLCLMCAKVG DQPTLQLKEK DIMDLYNQPE PVKSFLFYHS QSGRNSTFES VAFPGWFIIV SSEGGCPLIL TQELGKANTT DFGLTMLF
Specificity:	Met1-Phe158
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 1.0 EU/µg of the protein by LAL method.

Target Details

Target:	IL36A/IL1F6 (IL1F6)
Alternative Name:	IL-36 alpha/IL-1F6 (IL1F6 Products)

Target Details

Background:	<p>Description: 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.</p> <p>Name: IL36A, FIL1, FIL1 (EPSILON), FIL1E, IL-1F6, IL1 (EPSILON), IL1F6</p>
Gene ID:	27179
UniProt:	Q9UHA7
Pathways:	Cancer Immune Checkpoints

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>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 stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.</p>
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C, -80 °C
Storage Comment:	<p>Store the lyophilized protein at -20°C to -80 °C for long term.</p> <p>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.</p>