

Datasheet for ABIN7597251

IL36A/IL1F6 Protein (AA 6-158) (Fc Tag)



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Overview

Quantity:	10 µg
Target:	IL36A/IL1F6 (IL1F6)
Protein Characteristics:	AA 6-158
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL36A/IL1F6 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human IL36A Protein with C-terminal human Fc tag
Sequence:	IL36A(Lys6-Phe158) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL36A/IL1F6 (IL1F6)
Alternative Name:	IL36A (IL1F6 Products)
Background:	<p>FIL1, FIL1E, IL1F6, IL-1F6, IL1(EPSILON), FIL1(EPSILON)</p> <p>The protein encoded by this gene is a cytokine that 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</p>

Target Details

	expression of this gene has been linked to a poor prognosis in both hepatocellular carcinoma and colorectal cancer patients. [provided by RefSeq, Nov 2015]
Molecular Weight:	predicted molecular mass of 43.2 kDa after removal of the signal peptide. The apparent molecular mass of IL36A-hFc is 35-70 kDa due to glycosylation.
UniProt:	Q9UHA7
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: <ul style="list-style-type: none">• Immunogens for antibody drug development• Reagents used for CAR-T positive cell monitoring• Reagents for antibody screening and functional testing• Reagents for antibody affinity measurement
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months