

Human IL-36 beta/IL-1 F8, Tag Free Protein

HA211356



Product name:	Human IL-36 beta/IL-1 F8, Tag Free
Species reactivity:	Human
Bio-Activity:	Testing in progress.
Protein construction description:	A DNA sequence encoding the human IL-36 beta/IL-1 F8 protein (Q9NZH7-2) (Arg 5-Glu 157) was expressed with tag free.

Background: Interleukin-36 beta also known as interleukin-1 family member 8 (IL1F8) is a protein that in humans is encoded by the IL36B gene. The protein encoded by this gene is a member of the interleukin 1 cytokine family. Protein structure modeling indicated that this cytokine may contain a 12-stranded beta-trefoil structure that is conserved between IL1A (IL-A alpha) and IL1B (IL-1 beta). This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding distinct isoforms have been reported.

Purity: >95% as determined by SDS-PAGE.

Endotoxin: Less than 1.0 EU per µg by the LAL method.

Fragment region: IL-36 beta/IL-1 F8 (5-157)

Source: HEK293

Accession: Q9NZH7-2

Predicted molecular mass: 18 kD

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 µg/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

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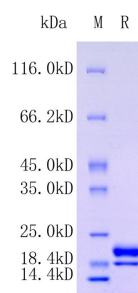


Fig1: Protein on SDS-PAGE under reducing (R) condition.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".