

Interleukin-36 Alpha Mouse Recombinant

Item Number	rAP-0525
Synonyms	Interleukin 36 alpha, FIL1E, IL1F6, FIL1, IL1(EPSILON), interleukin 1 family member 6 (epsilon), MGC129552, MGC129553.
Description	IL36A Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 160 amino acids and having a molecular mass of 21.0kDa. The IL36A is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9JLA2
Amino Acid Sequence	MNKEKELRAA SPSLRHVQDL SSRVWILQNN ILTAVPRKEQ TVPVTITLLP CQYLDTLETN RGDPTYMGVQ RPMSCLFCTK DGEQPVLQLG EGNIMEMYNK KEPVKASLFY HKKSGTTSTF ESAAFPGWFI AVCSKGSCPL ILTQELGEIF ITDFEMIVVH
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IL36A Mouse although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL36A should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	Lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized IL36A in sterile 18M ² -cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Measured by its binding ability in a functional ELISA to bind recombinant mouse IL-1 Rrp2.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**