

Interleukin-36 Beta Human Recombinant

Item Number	rAP-0522
Synonyms	Interleukin 36 beta, interleukin 1 family member 8 (eta), Interleukin-1 homolog 2, IL1F8 (Canonical product IL-1F8a), IL-1F8 (FIL1-eta), Interleukin-1 Superfamily e, IL1H2, MGC126880, MGC126882.
Description	IL36B Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 157 amino acids and having a molecular mass of 17.7kDa. The IL36B is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9NZH7
Amino Acid Sequence	MNPQREAAPK SYAIRDSRQM VVVLSGNSLI AAPLRSRSIKP VTLHLIACRD TEFSDKEKGN MVYL-GIKGKD LCLFCAEIQG KPTLQLKEKN IMDLYVEKKA QKPFLFFHNK EGSTSVFQSV SYPGWFIASTS TTSGQPIFLT KERGITNNNTN FYLDSVE
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IL36B Human although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL36B 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 IL36B in sterile 18M-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 human IL-1 Rrp2 Fc Chimera.
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 end users! This product is sold for **Research Use Only**