

## Interleukin-36 Beta Mouse Recombinant

<b>Item Number</b>	rAP-0527
<b>Synonyms</b>	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.
<b>Description</b>	IL36B Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 183 amino acids and having a molecular mass of 21.0kDa. The IL36B is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9D6Z6
<b>Amino Acid Sequence</b>	MMAFPPQSCV HVLPPKSIQM WEPNHNTMHG SSQSPRNYRV HDSQQMVWVL TGNTLTAVPA SNNVKPVILS LIACRDTEFQ DVKKGNLVFL GIKNRNLCFC CVEMEGKPTL QLKEVDIMNL YKERKAQKAF LFYHGIEGST SVFQSVLYPG WFIATSSIER QTILTHQRG KLVNTNFYIE SEK
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IL36B Mouse 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.
<b>Formulation and Purity</b>	Lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized IL36B in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA to bind recombinant mouse IL-1 Rrp2.
<b>Shipping Format and Condition</b>	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**