9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-1531: mIL36B Recombinant Protein

Alternative Name : 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

Source : Escherichia Coli. 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. Mouse IL-36b belongs to the IL-1 family that includes IL-1b, IL-1a, IL-1ra, IL-18, IL-36ra (IL1F5), IL-36b (IL1F8), IL-36g (IL1F9), IL-37 (IL1F7) and IL-38 (IL-1F10). The IL-1 family members display a 12 b-strand, b-trefoil configuration, and are thought to have ascended from a mutual ancestral gene. Mouse IL-36b/IL-1F8 is a 183 amino acid protein which holds no signal sequence, no prosegment and no potential N-linked glycosylation site(s). Mouse IL-36b like its human homologue is actively secreted. Mouse IL-36/IL-1F8 shares 61-74% aa homology with human IL-36/IL-1F8 isoform 2 and rat IL-1F8.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	Lyophilized from a 0.2µm filtered concentrated solution in 1xPBS, pH 7.4.
Storage condition :	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.
Amino Acid :	MMAFPPQSCV HVLPPKSIQM WEPNHNTMHG SSQSPRNYRV HDSQQMVWVL TGNTLTAVPA SNNVKPVILS LIACRDTEFQ DVKKGNLVFL GIKNRNLCFC CVEMEGKPTL QLKEVDIMNL YKERKAQKAF LFYHGIEGST SVFQSVLYPG WFIATSSIER QTIILTHQRG KLVNTNFYIE SEK

Application Note

It is recommended to reconstitute the lyophilized IL36B in sterile 18M-cm H2O not less than 100ÃÂµg/ml, which can then be further diluted to other aqueous solutions. Measured by its binding ability in a functional ELISA to bind recombinant mouse IL-1 Rrp2.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.