

Mouse IL36A 153 a.a. Recombinant Protein



RPPB0679

Product Information Protein Information

Product SKU:

RPPB0679

Accession:

Q9JLA2

Host:

Escherichia Coli.

Protein description:

IL36A 153 a.a. Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 153 amino acids (8-160a.a.) and having a molecular mass of 17.0kDa. The IL36A 153 a.a. Mouse is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Interleukin 36 alpha, FIL1E, IL1F6, FIL1, IL1(EPSILON), interleukin 1 family member 6 (epsilon), MGC129552, MGC129553.

Formulation:

Lyophilized from a 0.2m filtered concentrated solution in 1xPBS, pH 7.4 and 5% trehalose.

Purity:

Greater than 95.0% as determined by SDS-PAGE and HPLC analyses.

Solubility:

It is recommended to reconstitute the lyophilized IL36A 153 a.a. Mouse in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IL36A 153 a.a. Mouse although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL36A 153 a.a. Mouse should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

RAASPSLRHV QDLSSRVWIL QNNILTAVPR KEQTVPVIT LLPCQYLDL ETNRGDPTYM GVQRPMSCLF
CTKDGEQPV LQLGEGNIMEM YNKKEPVKAS LFYHKKSGTT STFESAAFPG WFIAVCSKGS CPLILTQELG
EIFITDFEMI VVH

Biological Activity:

Fully biologically active when compared to standard. The ED50 as measured by its ability to induce IL-6 secretion in NIH-3T3 mouse embryonic fibroblast cells is less than 20ng/ml, corresponding to a specific activity of 50,000IU/mg.