

Interleukin-17E Mouse Recombinant

Item Number	rAP-0626
Synonyms	IL-25, IL-17E, IL17E, IL25, Interleukin-25.
Description	Recombinant mouse IL-17E is a non-glycosylated, disulfide-linked homodimer, containing 2x145 amino acid chains, with a total molecular weight of 35.5 kDa. The Mouse IL-17E is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8VHH8
Amino Acid Sequence	VSLRIQEGCSHLPSCCPSKEQEPPEEWLKWSSASVSPPEPLSHTTHAESCRASKDG- PLNSRAISPWSYELDRDLNRVPQDLYHARCLCPHCVSLQTGSHMDPLGNSVPLYHNQTVFYRRPCHGEE GTHRRYCLERRLYRVSLACVCVRPRVMA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Murine IL17E although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL17E should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	IL17E was lyophilized from a concentrated (1mg/ml) solution containing no additives. Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Mouse IL17E in sterile 10mM HCl at a concentration not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The activity is determined by the dose-dependent production of IL-8 by human PBMCs and is 322-488ng/ml.
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**