ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Interleukin-17D Human Recombinant

Item Number	rAP-0675
Synonyms	Interleukin 17D, Interleukin 27, IL-17D, IL-27, IL27, Interleukin-17D, Interleukin-27, IL17D.
Description	Interleukin-17D Human Recombinant (18-202) produced in E.Coli is a non-glycosylated disulfide-linked homodimer containing 2 polypeptide chains of 185 amino acids each and having a molecular mass of 40kDa.The IL-17D is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q8TAD2
Amino Acid Sequence	APRAGRRPAR PRGCADRPEE LLEQLYGRLA AGVLSAFHHT LQLGPREQAR NASCPAGGRP ADRRFRPPTN LRSVSPWAYR ISYDPARYPR YLPEAYCLCR GCLTGLFGEE DVRFRSAPVY MPTVVLRRTP ACAGGRSVYT EAYVTIPVGC TCVPEPEKDA DSINSSIDKQ GAKLLLGPND APAGP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IL17D although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-17D 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	Lyophilized from a 0.2μm filtered solution in Acetonitrile and TFA. Greater than 97.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized IL-17D in sterile 18M-cm H2O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Immobilized rHuIL-17D binds to rHuIL-17BR with EC50 less than 2μg/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

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