

Recombinant Human IL17D Cat No:HR2R1551

For research use only

Overview

| Quantity | 5 ?g |
|-----------------------|---|
| Gene Symbol | IL17D |
| Gene ID | 53342 |
| Accession | Q8TAD2 |
| Alternative Name | Interleukin-27 |
| Species | Human |
| Source | |
| Description | Interleukin 17D is a disulfide-linked homodimer belonging to the IL-17 family of proinflammatory cytokines. Members belonging to this family share conserved features of cysteine-knot structures but differ in their N- terminal regions. The T-helper cell produced IL17 family is inducible by IL15 and IL23, and IL17D induces expression of endothelial IL6, IL8, and GM-CSF, and inhibits hemopoiesis of myeloid progenitor cells. |
| Functions | The ED50 is 7.5-37.5 ng/mL as determined by its binding ability in a functional ELISA (at a concentration of 1 ?g/mL) |
| Formulation | Lyophilized from a 0.2 ?m filtered solution in Acetonitrile and TFA (with BSA as a carrier protein) |
| Solubility | Reconstitute in sterile 4mM HCI at 100?g/mL (containing at least 0.1% human or bovine serum albumin) |
| Appearance | Lyophilized Powder |
| Molecular Weight | 20.5 |
| Purity | >95% as determined by SDS-PAGE |
| Concentration | <1.0 EU/?g of recombinant protein as determined by the LAL method |
| Shipping Condition | Ambient Temperature |
| Storage Condition | The lyophilized protein is stable for at least one year from date of receipt at -70?C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8?C for one month, or at -20?C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles. |