

## Product datasheet for **TP727123**

### IL17D Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Interleukin-17D/IL-17D
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala18-Pro202
Buffer:	Lyophilized from a 0.2 um filtered solution of 4mM HCl.
Note:	Recombinant Human Interleukin-17D is produced by our E.coli expression system and the target gene encoding Ala18-Pro202 is expressed.
Stability:	12 months from date of despatch
Locus ID:	53342
UniProt ID:	<a href="#">Q8TAD2</a>
Summary:	<p>The Interleukin-17 family proteins, comprising six members (IL-17, IL-17B through IL-17F), are secreted, structurally related proteins that share a conserved cysteine-knot fold near the C-terminus, but have considerable sequence divergence at the N-terminus. IL-17 family proteins are proinflammatory cytokines that induce local cytokine production and are involved in the regulation of immune functions. Among IL-17 family members, IL-17D is most closely related to IL-17B, sharing 27% aa sequence homology. IL-17D is expressed preferentially in skeletal muscle, heart, adipose tissue, lung, pancreas, and nervous system. Like other IL-17 family members, IL-17D modulates immune responses indirectly by stimulating the production of myeloid growth factors and chemokines including IL-6, IL-8, and GM-CSF. IL-17D has also been shown to suppress the proliferation of myeloid progenitors in colony formation assays.</p>



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