

Product datasheet for **TP727515**

Factor D (CFD) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant Human Complement Factor D/Adipsin (C-10His) |
| Species: | Human |
| Expression cDNA Clone or AA Sequence: | Ile26-Ala253 |
| Tag: | C-His |
| Buffer: | Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5. |
| Note: | Recombinant Human Complement factor D is produced by our Mammalian expression system and the target gene encoding Ile26-Ala253 is expressed with a 10His tag at the C-terminus. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 1675 |
| UniProt ID: | P00746 |
| Summary: | Complement factor D, also known as adipsin, is a member of the chymotrypsin family of serine proteases, which plays an essential role in host defense as the rate-limiting enzyme in the alternative pathway of complement activation. Complement factor D activates a convertase (C3bBb) responsible for cleavage of the complement protein C3, which leads to the activation of terminal complement component C5-9 to form the membrane attack complex on microbial or cellular surfaces. It also functions in the regulation of systemic energy balance and physiologic and pathologic processes, including immunity and inflammation. |



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