

## Product Datasheet

### Complement Factor D/CFD Protein, Mouse, Recombinant (His) (orb1962076)

<b>Description</b>	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.
<b>Storage</b>	-20°C
<b>Tag</b>	C-6xHis
<b>Note</b>	For research use only
<b>Application notes</b>	Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
<b>Protein Sequence</b>	Ile26-Ser259
<b>Purity</b>	98.00%
<b>MW</b>	40-49 KDa (reducing condition)
<b>Uniprot ID</b>	<b>P03953</b>
<b>Expiration Date</b>	6 months from date of receipt.

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