

Product datasheet for **TP727491**

Cfd Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Complement Factor D/Adipsin (C-10His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ile26-Ser259
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mMTris-HCl, 150mM NaCl, pH 7.5.
Note:	Recombinant Mouse Complement factor D is produced by our Mammalian expression system and the target gene encoding Ile26-Ser259 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	11537
UniProt ID:	P03953
Synonyms:	Complement factor D; 28 kDa adipocyte protein; Adipsin; C3 convertase activator; Properdin factor D; Cfd; Adn; Df
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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