9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-8767: Recombinant Mouse Complement Factor D/Adipsin (C-10His)

Gene : Cfd
Gene ID : 11537
Uniprot ID : P03953

Description

Source: Human Cells.
MW :26.8kD.
Recombinant Mouse Complement factor D is produced by our Mammalian expression system and the target gene encoding Ile26-Ser259 is expressed with a 10His tag at the C-terminus. 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.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mMTris,150mMNaCl,pH7.5.
Storage condition :	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.
Amino Acid :	ILGGQEAAAHARPYMASVQVNGTHVCGGTLLDEQWVLSAAHCMDGVTDDDSVQVLLGAHSLSAPEPYKRWY DVQSVVPHPGSRPDSLEDDLILFKLSQNASLGPHVRPLPLQYEDKEVEPGTLCDVAGWGVVTHAGRRPDVLH QLRVSIMNRTTCNLRTYHDGVVTINMMCAESNRRDTCRGDSGSPLVCGDAVEGVVTWGSRVCGNGKKPGVY TRVSSYRMWIENITNGNMTSHHHHHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.