

Complement Factor D/Adipsin Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P78273
Synonyms:	Adipsin; C3 convertase activator; Complement factor D; CFD; PFD; DF; ADN; FACTOR D; AMBP-1; EC 3.4.21; EC 3.4.21.46
Species:	Mouse
Source:	HEK293
Accession:	P03953 (I26-S259)
Gene ID:	11537
Molecular Weight:	60-70 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 20 mM Tris, 500 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	Complement Factor D/Adipsin Protein functions by cleaving factor B, specifically when it is complexed with factor C3b. This cleavage activates the C3bbb complex, transforming it into the C3 convertase of the alternate pathway. The protein's role is homologous to that of C1s in the classical pathway.
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Caution: Product has not been fully validated for medical applications. For research use only.

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