
Product Data Sheet

Product Name: Adipsin Human
 Cat. No.: GP22679
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Complement factor D; EC 3.4.21.46; Adipsin; C3 convertase activator; Properdin factor D; CFD; DF; PFD; ADN.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MILGGREAEA HARPYMASVQ LNGAHLCCGV LVAEQWVLSA AHCLEDAADG KVQVLLGAHS LSQPEPSKRL YDVLRAVPH DSQPDTIDHD LLLLQLSEKA TLGPAVRPLP WQRVDRDVAP GTLCDVAGWG IVNHAGRRPD SLQHVLLPVL DRATCNRRTH HDGAITERLM CAESNRRDSC KGDSGGPLVC GGVLEGVWTS GSRVCGNRKK PGIYTRVASY AAWIDSVLA.		
Formulation	Adipsin protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.		

Introduction

Complement Factor D (Adipsin), which belongs to the trypsin family of peptidases, is involved in the alternative complement pathway of the complement system where it cleaves factor B. In the alternative complement pathway, Adipsin is best known for its role in humoral suppression of infectious agents. In addition, Adipsin is a serine protease which is secreted by adipocytes into the bloodstream. Ultimately, Adipsin has a high level of expression in fat, proposing a role for adipose tissue in immune system biology.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Adipsin Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 249 amino acids (26-253 a.a) and having a molecular mass of 26.6kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA