

## Complement Factor D Human Recombinant

<b>Item Number</b>	rAP-3069
<b>Synonyms</b>	Complement factor D, EC 3.4.21.46, Adipsin, C3 convertase activator, Properdin factor D, CFD, DF, PFD, ADN.
<b>Description</b>	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. Adipsin is fused to a 21 amino acid His-tag at N-terminus.
<b>Uniprot Accession Number</b>	P00746
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MILGGREAEA HARPYMASVQ LNGAHLCCGV LVAEQWVLSA AH-CLEDAADG KVQVLLGAHS LSQPEPSKRL YDVLRAVPHD DSQPDITDHD LLLLQLSEKA TLGPAVRPLP WQRVDRDVAP GTLCDVAGWG IVNHAGRRPD SLQHVLLPVL DRATCNRRTH HDGAITERLM CAESNRDSC KGDSGGPLVC GGVLEGVVTG GSRVCGNRKK PGIYTRVASY AAWIDSVLA.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	Adipsin protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**