

Perilipin 2 Human Recombinant

Item Number	rAP-4168
Synonyms	ADFP, ADRP, MGC10598, Perilipin-2, Adipophilin, Adipose differentiation-related protein, PLIN2.
Description	PLIN2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 451 amino acids (1-437 a.a) and having a molecular mass of 49.3kDa. PLIN2 is fused to a 14 amino acid His-tag at N-terminus (including N-terminal Met) & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q99541
Amino Acid Sequence	MASMTGGQQM GRGSMASVAV DPQPSVVTRV VNLPLVSSTY DLMSSAYLST KDQYPYLKSV CEMAENGVKT ITSVAMTSAL PIIQKLEPQI AVANTYACKG LDRIEERLPI LNPSTQIVA NAKGAVTGAK DAVTTTGTGA KDSVASTITG VMDKTKGAVT GSVEKTKSVV SGSINTVLGS RMMQLVSSGV EN- ALTKSELL VEQYLPLTEE ELEKEAKKVE GFDLVQKPSY YVRLGSLSTK LHSRAYQQAL SRVKEAKQKS QQTISQLHST VHLIEFARKN VYSANQKIQD AQDKLYLSWV EWKRSIGYDD TDESHCAEHI ESRTLAIARN LTQQLQTTCH TLLSNIQGVV QNIQDQAKHM GVMAGDIYSV FRNAASFKEV SDSLLTSSKG
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	PLIN2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**