

Recombinant Full Length Human Diacylglycerol O-Acyltransferase 1(Dgat1) Protein, His-Tagged

Cat. No. RFL27897HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Diacylglycerol O-acyltransferase 1(DGAT1) Protein (O75907) (1-488aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-488aa)
Form	Lyophilized powder
AA Sequence	MGD RGSSRRRTGSRPSSHGGGGPAAAE E E V R DAAAGPDVGAAGDAPAPAPNKD GDAGVGS GHWELRCHRLQDSL FSSDSGFSNYRGILNWCVVMLILSNARLFLENLIK Y GILVDPIQV VSLFLKDPYSWPAPCLVIAANVFAVA AFQVEKRLAVGALTEQAGLL LHV ANLATILCFPAAVVLLVESITPVGSLLALMAHTILFLKLFSYRDVNSWCRRARAKAASA GKKASSAAAPHTVSYPDNLT YRDLYYFLFAPTLCYELNFP RSPRIRKRFLLRRIEML FFTQLQVG LIQQWMVPTIQNSMKPFKDM DYSRIIERLLKLAVPNHLIWLIFFYWLFHS CLNAVAELMQFGDREFYRDWWNSESVTYFWQNWNI PVHKWCIRHFYKPMLRRGS SKWMARTGVFLASAFFHEYLVSVPLRMFRLWAFTGMMAQIPLAWFVGRFFQGN YG NAAVWLSLIIGQPIAVLMYVHDYYVLN YEAPAAEA
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	DGAT1
Synonyms	DGAT1; AGRP1; DGAT; Diacylglycerol O-acyltransferase 1; ACAT-related gene product 1; Acyl-CoA retinol O-fatty-acyltransferase; ARAT; Retinol O-fatty-acyltransferase; Diglyceride acyltransferase
UniProt ID	O75907