

## Product Datasheet

# Recombinant Human DGAT1/2-independent enzyme synthesizing storage lipids (TMEM68) (orb2926517)

<b>Catalog Number</b>	orb2926517
<b>Category</b>	Proteins
<b>Description</b>	This Recombinant Human DGAT1/2-independent enzyme synthesizing storage lipids (TMEM68) spans the amino acid sequence from region 1-324aa. Purity: Greater than 85% as determined by SDS-PAGE.
<b>Tag</b>	N-terminal 10xHis-tagged
<b>Form/Appearance</b>	Liquid or Lyophilized powder
<b>Buffer/Preservatives</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Reconstitution</b>	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.
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Protein Sequence</b>	MIDKNQTCGVGQDSVPYMICLIHILEEWFGVEQLEDYLN FANYLLWVFTPLILLILPYFTIFLLY LTIIFLHIYKRKNVLKEAYSHNLWDGARKTVATLWDGHA AVWHGYEVHGM EKIPEDGPALII FYHGAIPIDFYFMAKIFIHKGRTCRVVADHFVFKIPGFSLLLDVFCALHGPREKCV EILRS GH LLAISPGGVREALISDETYNIVWGHRRGFAQVAIDAKVPIIPMFTQNIREGFRSLGGTRLFRW LYEKFRYPFAPMYGGFPVKLRTYLGDPIPYDPQITAEELAEKTKNAVQALIDKHKRIPGNIMSA LLERFH

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<b>Protein Length</b>	Full Length
<b>UniProt ID</b>	<b>Q96MH6</b>
<b>MW</b>	38.9 kDa
<b>Application notes</b>	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.
<b>Source</b>	in vitro E.coli expression system
<b>Biological Origin</b>	Homo sapiens (Human)
<b>Expression Region</b>	1-324aa
<b>Storage</b>	Storage Condition: Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles. Shelf Life: The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week
<b>Note</b>	For research use only
<b>Expiration Date</b>	6 months from date of receipt.

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