

Product Information

MemDX™ Membrane Protein Human ACSL6 (acyl-CoA synthetase long chain family member 6) for Antibody Discovery

Cat. No.: **MP1057J**

This product is for research use only and is not intended for diagnostic use.

This product is a 80.3 kDa Human ACSL6 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

ACSL6

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

80.3 kDa

TMD

1

Sequence

MLTFFLVSGGSLWLFVEFVLSLLEKMQTQEILRILRLPELGLDQGFFRSLSATTLVSMGA
LAAILAYWFTHRPKALQPPCNLLMQSEEVEDSGGARRSVIGSGPQLLTHYYDDARTMYQV
FRRGLSISGNPGCLGFRKPKQPYQWLSYQEVADRAEFLGSGLLQHNCKACTDQFIGVFAQ
NRPEWIVELACYTYSMVVPLYDTLGPGAIRYIINTADISTVIVDKPQKAVLLEHVER
KETPGLKLIILMDPFEEALKERGQKCGVVIKSMQAVEDCGQENHQAPVPPQPDDLIVCF
TSGTTGNPKGAMLTHGNVVADFSGFLKVTEKVFIPRQDDVLISFLPLAHMFERVIQSVVY
CHGGRVGGFFQGDIRLLSDDMKALCPTIFPVPRLLNRMVDKIFSQANTPLKRWLLEFAAK
RKQAEVRSGIIRNDSIWDELFFNKIQASLGCVRMIVTGAAPASPTVLGFLRAALGCQVY
EGYGQTECTAGCTFTTPGDWTSGHVGAPLPCNHIKLVDEELNYWACKGEGEICVRGPNV
FKGYLKDPDRKTEALDSDGWLHTGDIGKWLPAGTLKIIDRKKHIFKLAQGEYVAPEKIEN
IYRSQPVAQIYVHGDSLKAFLVGIVVPDPEVMPSWAQKRGIEGTADLCTNKDLKKAIL
EDMVRLGKESGLHSFEQVKAIHIHSDMFSVQNGLLTPTLKAKRPELREYFKKQIEELYSI
SM

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

ACSL6

Full Name

acyl-CoA synthetase long chain family member 6

Introduction

The protein encoded by this gene catalyzes the formation of acyl-CoA from fatty acids, ATP, and CoA, using magnesium as a cofactor. The encoded protein plays a major role in fatty acid metabolism in the brain. Translocations with the ETV6 gene are causes of myelodysplastic syndrome with basophilia, acute myelogenous leukemia with eosinophilia, and acute eosinophilic leukemia. Several transcript variants encoding different isoforms have been found for this gene.

Alternative Names

ACS2; FAFL6; LACS2; LACS5; LACS 6

Gene ID

[23305](#)

UniProt ID

[Q9UKU0](#)