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Product Information

MemDX™ Membrane Protein Human SLC25A5 (Solute carrier family 25 member 5) expressed in *in vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1192X**
This product is for research use only and is not intended for diagnostic use.

This product is a 58.3 kDa Human SLC25A5 membrane protein expressed in *In vitro* wheat germ expression system. 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
SLC25A5

Protein Length
Full-length

Molecular Weight
58.3 kDa

TMD
6

Sequence
MTDAAVSFAKDFLAGGVAAAISKTAVAPIERVKLLLQVQHASKQITADKQYKGIIDCVVRIPKEQGVLSFWRGNLANVIRYFPTQALNF

Product Description

Application
Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems
in vitro wheat germ expression system

Tag
GST-tag at N-terminal

Protein Format
Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

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

Target

Target Protein

SLC25A5

Full Name

Solute carrier family 25 member 5

Introduction

This gene is a member of the mitochondrial carrier subfamily of solute carrier protein genes. The product of this gene functions as a gated pore that translocates ADP from the cytoplasm into the mitochondrial matrix and ATP from the mitochondrial matrix into the cytoplasm. The protein forms a homodimer embedded in the inner mitochondria membrane. Suppressed expression of this gene has been shown to induce apoptosis and inhibit tumor growth. The human genome contains several non-transcribed pseudogenes of this gene.

Alternative Names

T2; T3; 2F1; AAC2; ANT2; ADP/ATP translocase 2; adenine nucleotide translocator 2 (fibroblast); solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 5

Gene ID

292

UniProt ID

P05141

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