SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human ENTPD7 (Ectonucleoside triphosphate diphosphohydrolase 7) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX1952K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human ENTPD7 membrane protein expressed *in vitro E.coli* 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
ENTPD7

Protein Length
Full Length

Protein Class
Receptor

TMD
2

Sequence
MARISFSYLCPASWYFTVPTVSPFLRQRVAFLGLFFISCLLLLMLIIDFRHWSASLPRDRQYERYLARVGELEATDTEDPNLNYGLVV

Product Description

Expression Systems
in vitro E.coli expression system

Tag
10xHis tag at the N-terminus

Protein Format
Soluble

Form
Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

ENTPD7

Full Name

Ectonucleoside triphosphate diphosphohydrolase 7

Introduction

This gene encodes a purine-converting ectoenzyme which belongs to the ecto-nucleoside triphosphate diphosphohydrolase (E-NTPDase) family. The encoded protein hydrolyzes extracellular nucleoside triphosphates (UTP, GTP, and CTP) to nucleoside monophosphates as part of a purinergic signaling pathway. It contains two transmembrane domains at the N- and C-termini and a large, hydrophobic catalytic domain located in between. This gene affects oxidative stress as well as DNA damage and is a mediator of senescence.

Alternative Names

ENTPD7; LALP1; NTPDase 7; lysosomal apyrase-like protein 1; Ectonucleoside triphosphate diphosphohydrolase 7

Gene ID

57089

UniProt ID

Q9NQZ7

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