

Product Information

MemDX™ Membrane Protein Human NT5E (5'-nucleotidase ecto) for Antibody Discovery

Cat. No.: **MP0698J**

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

This product is a 58.76 kDa Human NT5E membrane protein expressed in HEK293. 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

NT5E

Protein Length

Full-length

Protein Class

ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

58.76 kDa

TMD

1

Sequence

WELTILHTNDVHSRLEQTSEDSSKCVNASRCMGGVARLFTKVQQIRRAEPNVLLLDAGDQYQGTTWFTVYKGAEVAHFMNALRYD

Product Description

Expression Systems

HEK293

Tag

C-His

Form

Liquid

Endotoxin

< 1 EU/μg

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

>95% as determined by SDS-PAGE and Coomassie blue staining

Buffer

0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 2mM CaCl₂, 10% Glycerol, pH 8.0

Storage

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

Target**Target Protein**

NT5E

Full Name

5'-nucleotidase ecto

Introduction

The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.

Alternative Names

NT; eN; NT5; NTE; eNT; CD73; E5NT; CALJA

Gene ID

[4907](#)

UniProt ID

[Q6NZX3](#)