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ENTPD6 Mouse

Ectonucleoside Triphosphate Diphosphohydrolase 6 Mouse Recombinant
CDA0134

Product Overview

Name	ENTPD6 Mouse

Description

Ectonucleoside Triphosphate Diphosphohydrolase 6 Mouse Recombinant

Accession (Primary)	Q3U0P5

Synonyms

ectonucleoside triphosphate diphosphohydrolase 6 isoform1, 2700026H11Rik, Cd39l, Cd39l2, dJ738P15.3, NTPDa, NTPDase-6, Entpd6.

Introduction

Ectonucleoside Triphosphate Diphosphohydrolase 6 or ENTPD6 is an enzyme, akin to E-type nucleotidases. E-type nucleotidases, for instance CD39, are responsible for extracellular nucleotides catabolism. ENTPD6 has four apyrase-conserved areas like all to E-type nucleotidases. Rather spliced transcript agents that codes various isoforms were discovered for the DNA segment.

Source

HEK293 cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

ENTPD6 protein (0.25mg/ml) contains 20% glycerol and Phosphate-Buffered Saline (pH 7.4).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

DGSMKWHRAS AAQAFFTIAG AASGARWTQQ AFSSPGSAAR GHEVFYGIMF DAGSTGTRIH VFQFARPPGE TPTLTHETFK ALKPGLSAYA DDVEKSAQGI QELLNVAKQH IPYDFWKATP LVLKATAGLR LLPGEKAQKL LQKVKEVFKA SPFLVGDDCV SIMNGTDEGV SAWITVNFLT GSLKTPGSSS VGMLDLGGGS TQITFLPRVE GTLQASPPGH LTALQMFNRT YKLYSYSYLG LGLMSARLAI LGGVEGKPAE NDKELVSPCL SPRFRGEWEH

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AEVTYRISGQ KAVGLYELCA SRVSEVLRNK VHRTEEAQHV DFYAFSYYYD LAASFGLIDA EKGGSLVVGD FEIAAKYVCR TLETQPPSSP FACMDLTYIS LLLHEFGFPG DKVLKLARKI DNVETSWALG AIFHYIDSLK RQKVPAL HHH HHH

Biological Activity

Specific activity is > 80,000 pmol/min/ug, and is defined as the amount of enzyme that hydrolyze GDP per minute at pH 7.5 at 25C.

Precautions

ENTPD6 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q3U0P5)