
Product Data Sheet

Product Name: ENTPD6 Mouse
 Cat. No.: GP26285
 Batch No.: 1

Product Data

Purity >98% Source HEK293 cells.

Physical Appearance solid Shipping Condition withIcePacks

Synonyms ectonucleoside triphosphate diphosphohydrolase 6 isoform1, 2700026H11Rik, Cd39l, Cd39l2, dj738P15.3, NTPDa, NTPDase-6, Entpd6.

Amino Acid Sequence
 DGSMKWHRAS AAQAFFTIAG AASGARWTQQ AFSSPGSAAR GHEVFYGMIF
 DAGSTGTRIH VFQFARPPGE TPTLTHETFK ALKPGLSAYA DDVEKSAQGI
 QELLNVAKQH IPYDFWKATP LVLKATAGLR LLPGEKAQKL LQKVKEVFKA
 SPFLVGDDCV SIMNGTDEGV SAWITVNFLT GSLKTPGSSS VGMLDLGGGS
 TQITFLPRVE GTLQASPPGH LTALQMFNRTYKLYSYSYLG LGLMSARLAI
 LGGVEGKPAE NDKELVSPCL SPRFRGEWEH AEVTYRISGQ KAVGLYELCA
 SRVSEVLRNK VHRTEEAQHV DFYAFSYYD LAASFGLIDA EKGGSLLVGD
 FEIAAKYVCR TLETQPPSSP FACMDLTYIS LLLHEFGFPG DKVLKLARKI
 DNVETSWALG AIFHYIDSLK RQKVPALHHH HHH

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

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.

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.

Stability

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Store at 46yC if entire vial will be used within 2-4 weeks. Store, frozen at -206yC 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.

Background

ENTPD6 Mouse Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (33-455 a.a) containing 433 amino acids and having a molecular mass of 47.3 kDa. ENTPD6 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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