

32-6739: ENTPD3 Human, sf9

Alternative Name : Ectonucleoside Triphosphate Diphosphohydrolase 3, CD39L3, Ecto-ATP Diphosphohydrolase 3, CD39 Antigen-Like 3, Ecto-ATPDase 3, Ecto-Apyrase 3, Ecto-ATPase 3, EC 3.6.1.5, NTPDase 3, HB6, NTPDase-3.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Ectonucleoside Triphosphate Diphosphohydrolase 3, also known as ENTPD3, which owns a threefold preference for the hydrolysis of ATP over ADP is similar to E-type nucleotidases (NTPases). ENTPD3 is a protein coding gene which contains four apyrase-conserved areas which is characteristic of NTPases.

ENTPD3 Human Recombinant produced in Sf9 Baculovirus cells is a single, non-glycosylated polypeptide chain containing 451 amino acids (44-485a.a) and having a molecular mass of 50.7kDa (Migrates at 50-70kDa on SDS-PAGE under reducing conditions). ENTPD3 is fused to a 6 amino acids His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : ENTPD3 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : 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.

Amino Acid : ADLQIHKQEV LPPGLKYGIV LDAGSSRTTV VYQWPAEKE NNTGVVSQTF KCSVKGSGIS SYGNNPQDVP
RAFEECMQKV KGQVPSHLHG STPIHLGATA GMRLRLQNE TAANEVLESI QSYFKSQPFD FRGAQIISGQ
EEGVYGWITA NYLMGNFLEK NLWHMWVHPH GVETTALDL GGASTQISFV AGEKMDLNTS
DIMQVSLYGY VYTLYTHSFQ CYGRNEAEKK FLAMLLQNSP TKNHLTNPY PRDISYSFTM GHVFDLSLCTV
DQRPEYNPN DVITFEGTGD PSLCKEKVAS IFDFKACHDQ ETCSFDGVYQ PKIKGPFVAF AGFYTASAL
NLSGFSLDL FNSSTWNFCS QNWSQLPLLL PKFDEVYARS YCFSANYIYH LFVNGYKFTE ETWPIHFKEK
EVGNSSIAWS LGYMLSLTNQ IPAESPLIRL PIEPPHHHHH.