

32-6738: ENTPD3 Human

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: Escherichia Coli.

Sterile Filtered clear 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 E.Coli is a single, non-glycosylated polypeptide chain containing 465 amino acids (44-485 a.a) and having a molecular mass of 52kDa. ENTPD3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	ENTPD3 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) 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 :	MGSSHHHHHH SSGLVPRGSH MGSQIHKQEV LPPGLKYGIV LDAGSSRTTV YVYQWPAEKE NNTGVVSQTF KCSVKGSGIS SYGNNPQDVP RAFEECMQKV KGQVPSHLHG STPIHLGATA GMRLRLQNE TAANEVLESI QSYFKSQPFD FRGAQIISGQ EEGVYGWITA NYLMGNFLEK NLWHMWVHPH GVETTALDL GGASTQISFV AGEKMDLNTS DIMQVSLYGY VYTYLTHSFQ CYGRNEAEKK FLAMLLQNSP TKNHLTNPCY PRDYSISFTM GHVFDLCTV DQRPEYNPN DVITFEGTGD PSLCKEKVAS IFDFKACHDQ ETCSFDGVYQ PKIKGPFVAF AGFYTASAL NLSGSFSLDT FNSSTWNFCS QNWSQLPLLL PKFDEVYARS YCFSANYIYH LFVNGYKfte ETWPQIHFEK EVGNSSIAWS LGYMLSLTNQ IPAESPLIRL PIEPP.