

RPPB1623

Product Information Protein Information

Product SKU:

RPPB1623

Accession:

O75355

Host:

Sf9, Baculovirus cells.

Protein description:

ENTPD3 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 451 amino acids (44-485a.a.) and having a molecular mass of 50.7kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).ENTPD3 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Ectonucleoside Triphosphate Diphosphohydrolase 3, Ecto-ATP Diphosphohydrolase 3, CD39 Antigen-Like 3, Ecto-ATPDase 3, Ecto-Apyrase 3, Ecto-ATPase 3, EC 3.6.1.5, NTPDase 3, CD39L3, HB6, NTPDase-3, EC 3.6.1, Ectonucleoside triphosphate diphosphohydrolase 3, NTPDase 3, CD39 antigen-like 3, Ecto-ATP diphosphohydrolase 3, Ecto-ATPDase 3, Ecto-ATPase 3, Ecto-apyrase 3, HB6.

Formulation:

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

Purity:

Greater than 90.0% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

ADLQIHKQEV LPPGLKYGIV LDAGSSRTTV YVYQWPAEKE NNTGVVSQTF KCSVKGSGIS SYGNNPQDVP
RAFEECMQKV KGQVPSHLHG STPIHLGATA GMRLRLQNE TAANEVLESI QSYFKSQPFD FRGAQIISGQ
EEGVYGWITA NYLMGNFLEK NLWHMWWVHPH GVETTGALDL GGASTQISFV AGEKMDLNTS DIMQVSLYGY
VYTLYTHSFQ CYGRNEAEKK FLAMLLQNSP TKNHLTNPCY PRDYSISFTM GHVFDSLCTV DQRPEYNPN
DVITFEGTGD PSLCKEKVAS IFDFKACHDQ ETCFSFDGVYQ PKIKGPFVAF AGFYTASAL NLSGSFSLDT
FNSSTWNFCS QNWSQLPLLL PKFDEVYARS YCFSANYIYH LFNNGYKFTE ETWPQIHFEK EVGNSSIAWS
LGYMLSLTNQ IPAESPLIRL PIEPPHHHHHH.

Biological Activity:

Specific activity is > 250,000 pmol/min/ug, and is defined as the amount of enzyme that hydrolyze ATP per minute at pH 7.5 at 37C.