

## Ectonucleoside Triphosphate Diphosphohydrolase 3 Human Recombi-

<b>Item Number</b>	rAP-1179
<b>Synonyms</b>	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
<b>Description</b>	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-
<b>Uniprot Accession Number</b>	O75355
<b>Amino Acid Sequence</b>	ADLQIHKQEV LPPGLKYGIV LDAGSSRTTV YVYQWPAAKE NNTGVVSQTF KCSVKGSGIS SYGNPQDVP RAFEECMQKV KGQVPSHLHG STPIHLGATA GMRLRLQNE TAANEVLESI QSYFKSQPFD FRGAQIISGQ EEGVYGWITA NYLMGNFLEK NLWHMWVHPH GVETTGALDL  GGASTQISFV AGEKMDLNTS DIMQVSLYGY VYTYLTHSFQ CYGRNEAEKK
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	ENTPD3 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	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.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**