

Ectonucleoside Triphosphate Diphosphohydrolase 3 Human Recombi-

Item Number	rAP-1193
Synonyms	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	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.
Uniprot Accession Number	O75355
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSQIHKQEV LPPGLKYGIV LDAGSSRTTV VVYQWPAAKE NNTGVVSQTF KCSVKGSGIS SYGNNPQDVP RAFEECMQKV KGQVPSHLHG STPIHLGATA GMRLRLQNE TAANEVLESI QSYFKSQPFD FRGAQIISGQ EEGVYGWITA NYLMGNFLEK NLWHMWVHPH GVETTGALDL GGASTQISFV AGEKMDLNTS DIMQVSLYGY VYTLYTHSFQ CYGRNE- AEKK FLAMLLQNSP TKNHLTNPCY PRDYSISFTM GHVFDLCTV DQRPEYNPN DVITFEGTGD PSLCKEKVAS IFDFKACHDQ ETCSFDGVYQ PKIKGPFVAF AGFYITASAL NLSGSFSLDT FNSST- WNFCS QNWSQLPLLL PKFDEVYARS YCFSANYIYH LFVNGYKFTE ETWPQIHFEK EVGNSSIAWS LGYMLSLTNQ IPAESPLIRL PIEPP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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.
Formulation and Purity	ENTPD3 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**