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**ENTPD3, 44-485aa, Human, His-tag, Baculovirus (Bioactivity Validated)**

**Cat.NO.: TP02024**

3th Edition

**Synonyms:**Ectonucleoside triphosphate diphosphohydrolase 3, ENTPD3, CD39L3, HB6, NTPDase-3

**Description:**ENTPD3, also known as ectonucleoside triphosphate diphosphohydrolase 3, is an integral membrane glycoprotein with an extracellular active site. It contains 4 apyrase-conserved regions which is characteristic of NTPases. Recombinant human ENTPD3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**50.7kDa (451aa), 50-70KDa (SDS-PAGE under reducing conditions.)

**Sequences:**

ADLQIHKQEVLPPLGLKYGIVLDAGSSRRTTVVYQWPAEKENNTGVVSQTFKCSVKGSGISSYGNNPQDVPRAFEEC  
MQKVKGQVPSHLHGSTPIHLGATAGMRLRLQNETAANEVLESIQSYFKSQPFDFRGAQIISGQEEGVYGWITANY  
LMGNFLEKNLWHMWWVHPHGVETT GALDLGGASTQISFVAGEKMDLNTSDIMQVSLYGYVYTYLTHSFQCYGRNEA  
EKKFLAMLLQNSPTKNHLTNPCYPRDYSISFTMGHVFDLCTVDQRPESYNPNDVITFEGTGDPSLCKEKVASIFDF  
KACHDQETCSFDGVYQPKIKGPFVAFAGFYTASALNLSGSFSLDTFNSSTWNFCSQNWSQLPLLLPKFDEVYARS  
YCF SANYIYHLFVNGYKFTEETWPQIHFEKEVGNSSIAWSLGYMLSLTNQIPAESPLIRLPIEPHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.