

**ENTPD3, 44-485 aa, Human, His tag, E.coli**

**Cat.NO.: TP02022**

3th Edition

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

**Description:**ENTPD3 is similar to E-type nucleotidases (NTPases). NTPases, such as CD39, mediate catabolism of extracellular nucleotides. ENTPD3 contains 4 apyrase-conserved regions which is characteristic of NTPases. Recombinant human ENTPD3 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

**Molecular Weight:**52.0 kDa (465aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSQIHKQEVLPPLKYGIVLDAGSSRTTVVYVYQWPAEKENNTGVVSQTFKCSV  
KSGISSYGNPQDVPRAFEECMQVKVKGQVPSHLHGSTPIHLGATAGMRLRLQNETAANEVLESIQSYFKSQPFD  
FRGAQIISGQEEGVYGWITANYLMGNFLEKNLWHMWVHPHGVETTGALDLGGASTQISFVAGEKMDLNTSDIMQV  
SLYGYVYTYLTHSFQCYGRNEAEKKFLAMLLQNSPTKNHLTNPCYPRDYSISFTMGHVFDLCTVDQRPEYNPND  
VITFEGTGDPSLCKEKVASIFDFKACHDQETCSFDGVYQPKIKGPFVAFAGFYTASALNLSGSFSLDTFNSSTWNF  
CSQNWSQLPLLLPKFDEVYARSYCFSANYIYHLFVNGYKFTEETWPQIHFEKEVGNSSIAWSLGYMLSLTNQIPAES  
PLIRLPIEPP

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Bradford assay)

**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.