

**ENTPD6, 61- 484aa, Human, His tag, E.coli**

**Cat.NO.: TP02025**

3th Edition

**Synonyms:**ectonucleoside triphosphate diphosphohydrolase 6 isoform 1, CD39L2, dJ738P15.3, IL-6SAG, IL6ST2, NTPDase-6

**Description:**ENTPD6 is similar to E-type nucleotidases (NTPases). NTPases, such as CD39, mediate catabolism of extracellular nucleotides. ENTPD6 contains 4 apyrase-conserved regions which is characteristic of NTPases. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Recombinant human ENTPD6 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, 0.4M Urea

**Molecular Weight:**48.7 kDa (447aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSKWHRATATQAFFSITRAAPGARWGQQAHSPLGTAADGHEVFGIMFDAGS  
TGTRVHVFQFTRPPRETPTLTHETFKALKPGLSAYADDVEKSAQGIRELLDVAKQDIPDFWKATPLVLKATAGLRL  
LPGEKAQKLLQKVKEVFKASPFLVGDDCVSIMNGTDEGVSAWITINFLTGSLKTPGGSSVGMLDLGGGSTQIAFLPR  
VEGTLQASPPGYLTALRMFNRTYKLYSYSYLGLGLMSARLAILGGVEGQPAKDGKELVSPCLSPSFKGEWEHAEVT  
YRVSGQKAAASLHELCAARVSEVLQNRVHRTEEVKHVDFYAFSYYYDLAAGVGLIDAEKGGSLVVGDFEIAAKYVC  
RTLETQPQSSPFSCMDLTYVSLLLQEFGFPRSKVLKLRKIDNVETSWALGAIFHYIDSLNRQKSPAS

**Purity:**> 95% by HPLC

**Concentration:**1mg/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.