

# Recombinant human CD39L3/ENTPD3 protein

Catalog Number: ATGP2940

## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

44-485aa

### UniProt No.

O75355

### NCBI Accession No.

NP\_001239.2

### Alternative Names

Ectonucleoside triphosphate diphosphohydrolase 3, NTPDase 3, CD39 antigen-like 3, Ecto-ATP diphosphohydrolase 3, Ecto-ATPDase 3, Ecto-ATPase 3, Ecto-apyrase 3, HB6

## PRODUCT SPECIFICATION

---

### Molecular Weight

52.0 kDa (465aa)

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

---

### 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.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>QIHKQEV LPPGLKYGIV LDAGSSRTTV YVYQWPAAEKE NNTGVVSQTF

# Recombinant human CD39L3/ENTPD3 protein

Catalog Number: ATGP2940

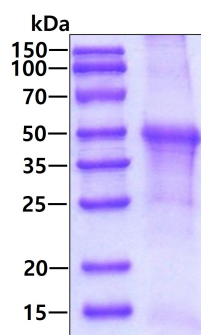
KCSVKGSIGS SYGNNPQDVP RAFEECMQKV KGQVPSHLHG STPIHLGATA GMRLRLQNE TAANEVLESI QSYFKSQPFD  
FRGAQIISGQ EEGVYGWITA NYLMGNFLEK NLWHMWVHPH GVETTGALDL GGASTQISFV AGEKMDLNTS DIMQVSLYGY  
VYTYLTHSFQ CYGRNEAEKK FLAMLLQNSP TKNHLTNP CY PRDYSISFTM GHVFDSLCTV DQRPEYNPN DVITFEGTGD  
PSLCKEKVAS IFDFKACHDQ ETCSFDGVYQ PKIKGPFVAF AGFYTASAL NLSGFSLDL FNSSTWNFCS QNWSQLPLL  
PKFDEVYARS YCFSANYIYH LFNNGYKFTE ETWPQIHFEK EVGNSSIAWS LGYMLSLTNQ IPAESPLIRL PIEPP

## General References

Yang F., et al (2001). *Biochemistry* 40:3943-3950.

## DATA

### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.