



Recombinant Human ENTPD1 Protein Product Manual

1. Product Basic Information

Product No.: REP06779

Protein Name: Ntpdase-Cd39 Antigen (ENTPD1)

Aliases: CD39; SPG64; ATP-DPH; ATPDase; NTPDase1; NTPDase-CD39 antigen; ecto-apyrase; ecto-ATPase ecto-ATPDase ATP diphosphohydrolase

UniProt ID: P49961

UniProt Link: <https://www.uniprot.org/uniprotkb/P49961/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (38-478aa)

Molecular Weight: 57.2 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (38-478aa)

TQNKALPENVKYGIVLDAGSSHTSLYIYKWPAEKENDTGVVHQVEECRVKGPISK
FVQKVNEIGIYLTDCMERAREVIPRSQHQETPVYLGATAGMRLLRMESEELADRVL
DVVERSLSNYPFDFFQGARIITGQEEGAYGWITINYLLGKFSQKTRWFSIVPYETNNQ
ETFGALDLGGASTQVTFVPQNQTIESPDNALQFRLYGKDYNVYTHSFLCYGKDQAL
WQKLAKDIQVASNEILRDPCFHPGYKKVVNVSDLYKTPCTKRFEMTLPFQQFEIQGI
GNYQQCHQSILELFNTSYCPYSQCAFNGIFLPLQGDFGAFSAFYFVMKFLNLTSEK
VSQEKVTEMMKKFCAQPWEEIKTSYAGVKEKYLSEYCFSGTYILSLLLQGYHFTAD
SWEHIHFIGKIQGSDAGWTLGYMLNLTNMIPAEQPLSTPLSHSTYV

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human ENTPD1 partial protein (38-478aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ENTPD1, also known as CD39 or SPG64 or ATP-DPH, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.