

# Recombinant Rat Entpd1 protein, His-tagged

**Cat. No.** Entpd1-2854R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Entpd1 protein(P97687)(38-479aa), fused to C-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 38-479aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 50.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | <p>THNKPLPENVKYGIVLDAGSSHTNLYIYKWPAEKENDTG VVQLLEECQVKGPISKY<br/> AQKTDEIAAYLAECMKMSTERIPASKQHQT PVYLGATAGMRLLRMESKQSADEVLA<br/> AVSRSLKSYPDFDQGA KIITGQEEGAYGWITIN YLLGRFTQE QSWLNFISDSQKQATF<br/> GALDLGGSSTQVTFVPLNQTLEAPETSLQFRLYGTDYTVYTHSFLCYGKDQALWQK<br/> LAQDIQVSSGGILKDPCFYPGYKKVVNVSELYGTPCTKRFEKKLPFNQFQVQGTGD<br/> YEQCHQSILKFFNNSHCPYSQCAFNGVFLPPLQGSFGAFSAFYFVMDFFKKMANDS<br/> VSSQEKMT EITKNFCSK PWEEVKASYPTVKEKYLSEYCFSGTYILSLLLQGYNFTGT<br/> SWDQIHFMGKIKDSNAGWTLGYMLNL TNMIPAEQPLSPPLPHSTYI</p> |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                               |
| <b>Gene Name</b>        | Entpd1 ectonucleoside triphosphate diphosphohydrolase 1 [ Rattus norvegicus ]                                                                                                                                                                                 |
| <b>Official Symbol</b>  | Entpd1                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>         | ENTPD1; ectonucleoside triphosphate diphosphohydrolase 1;                                                                                                                                                                                                     |
| <b>Gene ID</b>          | 113991                                                                                                                                                                                                                                                        |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA