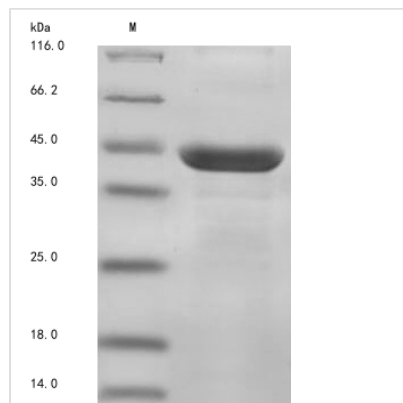




Recombinant Rat Ectonucleoside triphosphate diphosphohydrolase 1 (Entpd1), partial

Product Code	CSB-EP007690RA
Abbreviation	Recombinant Rat Entpd1 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P97687
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	THNKPLPENVKYGIVLDAGSSHTNLYIYKWPAEKENDTGVVQLLEECQVKGPG ISKYAQKTDEIAAYLAECMKMSTERIPASKQHQTTPVYLGATAGMRLLRMESKQ SADEVLA AVSRSLKSYPDFDQGAKIITGQEEGAYGWITINYLLGRFTQE QSWLN FISDSQKQATFGALDLGGSSTQVTFVPLNQTL EAPETSLQFRLYGTDYTVYTH SFLCYGKDQALWQKLAQDIQVSSGGILKDP CFYPGYKKVVNVSELYGTPCTKR FEKKLPFNQFQVQGTGDYEQCHQSILKFFNNSHCPYSQCAFNGVFLPPLQGS FGAFAFYFVMDFFKKMANDSVSSQEKMT EITKNFCSKPWEEVKASYPTVKE KYLSEYCFSGTYILSLLLQGYNFTGT SWDQIHFMGKIKDSNAGWTLGYMLNLT NMIPAEQPLSPPLPHSTYI
Research Area	Immunology
Source	E.coli
Target Names	Entpd1
Protein Names	Recommended name: Ectonucleoside triphosphate diphosphohydrolase 1 Short name= NTPDase 1 EC= 3.6.1.5 Alternative name(s): Ecto-ATP diphosphohydrolase 1 Short name= Ecto-ATPDase 1 Short name= Ecto- ATPase 1 Ecto-apyra
Expression Region	38-479aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	50.6 kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Our Recombinant Rat Ectonucleoside triphosphate diphosphohydrolase 1 (Entpd1) is an invaluable tool in Immunology research, designed to provide high-quality results. The protein, known by various names such as Ecto-ATP diphosphohydrolase 1, Ecto-apyrase, and Lymphoid cell activation antigen, plays a significant role in immunological responses. Produced by the 'Entpd1' (also known as CD39) gene in Rat species, this protein is involved in the hydrolysis of extracellular ATP and ADP that are crucial for various physiological and pathological processes.

Expressed in E.coli, our product provides a partial but functional expression region of the protein from amino acid 38 to 479. The protein has been C-terminally 6xHis-tagged to facilitate its detection and purification. With purity greater than 85% as determined by SDS-PAGE, the product ensures reliable performance in your experiments. The Recombinant Rat Entpd1 protein is available either in liquid or lyophilized powder form, giving you the flexibility to use it as per your research needs.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.