Recombinant Human ENTPD7 Protein, His-tagged

Cat. No. ENTPD7-3161H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein from the full-length sequence of Homo sapiens ectonucleoside triphosphate diphosphohydrolase 7 (ENTPD7), transcript variant 2 (NM_020354), with a His tag was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene encodes a purine-converting ectoenzyme which belongs to the ecto-nucleoside triphosphate diphosphohydrolase (E-NTPDase) family. The encoded protein hydrolyzes extracellular nucleoside triphosphates (UTP, GTP, and CTP) to nucleoside monophosphates as part of a purinergic signaling pathway. It contains two transmembrane domains at the N- and C-termini and a large, hydrophobic catalytic domain located in between. This gene affects oxidative stress as well as DNA damage and is a mediator of senescence.
Molecular Mass	68.8 kDa
Endotoxin	< 0.1 ng/μg of protein (<1EU/μg)
Purity	> 90 % by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	Purified protein formulated in a sterile solution of PBS buffer, pH7.2, without any preservatives

GENE INFORMATION

Gene Name	ENTPD7 ectonucleoside triphosphate diphosphohydrolase 7 [Homo sapiens (human)]
Official Symbol	ENTPD7
Synonyms	ENTPD7; ectonucleoside triphosphate diphosphohydrolase 7; LALP1; ectonucleoside triphosphate diphosphohydrolase 7; NTPDase 7; lysosomal apyrase-like protein 1; EC 3.6.1.15
Gene ID	57089
mRNA Refseq	NM_020354
Protein Refseq	NP_065087
MIM	616753
UniProt ID	Q9NQZ7

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA