

## Recombinant Human ENTPD7 Protein, Myc/DDK-tagged

Cat. No. ENTPD7-3160H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant protein of human ectonucleoside triphosphate diphosphohydrolase 7 (ENTPD7) with a C-Myc/DDK tag was expressed in HEK293T.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	68.8 kDa
<b>Purity</b>	> 80 % as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

## 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

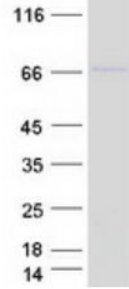
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**SDS-PAGE**



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