

Recombinant Human ENTPD7 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant protein of human ectonucleoside triphosphate diphosphohydrolase 7 (ENTPD7) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a purine-converting ectoenzyme which belongs to the ectonucleoside 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
Purity	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>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](#)

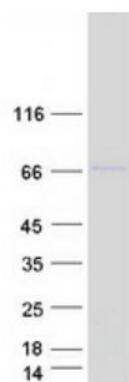
MIM [616753](#)

UniProt ID [Q9NQZ7](#)

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SDS-PAGE

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