Recombinant Human ENTPD7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ENTPD7-3159H **Lot. No.** (See product label)

SPECIFICATION

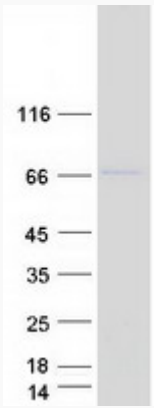
Product Overview	ENTPD7 MS Standard C13 and N15-labeled recombinant protein (NP_065087) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a purine-converting ectoenzyme which belongs to the ecto-nucleoside triphosphate diphosphohydrolase (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	69 kDa
AA Sequence	MARISFSYLCPASWYFTVPTVSPFLRQRVAFLGLFFISCLLLLMLIIDFRHWSASLPRD RQYERYLARVGELEATDTEDPNLNYGLVVDCGSSGSRIFVYFWPRHNGNPHDLLDI KQMRDRNSQPVVKKIKPGISAMADTPEHASDYLRPLLSFAAAHVPVKKHKETPLYIL CTAGMRLLPERKQLAILADLVKDLPLEFDFLFSQSQAEVISGKQEGVYAWIGINFVLG RFDHEDESDAEATQELAAGRRRTVGILDMGGASLQIAYEVPTSTSVLPAKQEEAAKI LLAEFNLGCDVQHTEHVYRVYVTTFLGFGGNFARQRYEDLVLNETLNKNRLLGQKT

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

	GLSPDNPFLDPCLPVGLTDVVERNSQVLHVRGRGDWVSCGAMLSPLLARSNTSQA SLNGIYQSPIDFNNSEFYGFSEFFYCTEDVLRIGGRYHGPTFAKAAQDYCGMAWSVL TQRFKNGLFSSHADEHRLKYQCFKSAWMYQVLHEGFHFPYDYPNLRTAQLVYDRE VQWTLGAILYKTRFLPLRDLRQEGVRQAHGSWFRLSFVYNHYLFFACILVVLLAIFLY LLRLRRIHHRQTRASAPLDLLWLEEVVPMMGVQVGPTRTRPLEQKLISEEDLAANDIL DYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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.-
Gene ID	57089

mRNA Refseq	NM_020354
Protein Refseq	NP_065087
MIM	616753
UniProt ID	Q9NQZ7
SDS-PAGE	

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