Recombinant Human GON7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GON7-501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C14orf142 MS Standard C13 and N15-labeled recombinant protein (NP_115879) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Component of the EKC/KEOPS complex that is required for the formation of a threonylcarbamoyl group on adenosine at position 37 (t6A37) in tRNAs that read codons beginning with adenine. The complex is probably involved in the transfer of the threonylcarbamoyl moiety of threonylcarbamoyl-AMP (TC-AMP) to the N6 group of A37. GON7 likely plays a supporting role to the catalytic subunit OSGEP in the complex.
Molecular Mass	10.9 kDa
AA Sequence	MELLGEYVGQEGKPQKLRVSCEAPGDGDPFQGLLSGVAQMKDMVTELFDPLVQGE VQHRVAAAPDEDLDGDDEDDAEDENNIDNRTNFDGPSAKRPKTPSTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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.

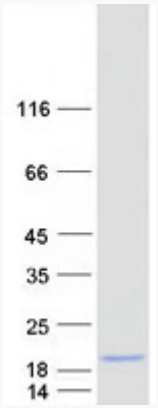
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	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	GON7 GON7 subunit of KEOPS complex [Homo sapiens (human)]
Official Symbol	GON7
Synonyms	GON7; GON7 subunit of KEOPS complex; PNAS-127; C14orf142; EKC/KEOPS complex subunit GON7; GON7, KEOPS complex subunit homolog; uncharacterized protein C14orf142
Gene ID	84520
mRNA Refseq	NM_032490
Protein Refseq	NP_115879
MIM	617436
UniProt ID	Q9BXV9

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

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