

## Recombinant Human OLA1, His-tagged

Cat. No. OLA1-29179TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length protein, corresponding to amino acids 1-238 of Human GTPBP9 with an N terminal His tag. Predicted mwt: 29 kDa;
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-238 a.a.
<b>Description</b>	GTPBP9 belongs to the GTP1/OBG family. It hydrolyzes ATP, and can also hydrolyze GTP with lower efficiency. It has lower affinity for GTP..
<b>Conjugation</b>	HIS
<b>Form</b>	Lyophilised:Reconstitute with 86 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	MIGPIIDKLEKVAVRGGDKKLKPEYDIMCKVKSWVIDQKK PVRFYHDWNDKEIEVLN KHLFLTSPMVYLVNLSEKDY IRKKNKWLIKIKEWVDKYDPGALVIPFSGALELKLQE L SAEERQKYLEANMTQSALPKIIKAGFAALQLEYFFTAGPD EVRAWTIRKGTKAPQA AGKIHTDFEKGFIMAEVMKYED FKEEGSENAVKAAGKYRQQGRNYIVEDGDIIFKFF

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NTP QQPKKK

**Full Length**

Full L.

## GENE INFORMATION

**Gene Name**

OLA1 Obg-like ATPase 1 [ Homo sapiens ]

**Official Symbol**

OLA1

**Synonyms**

OLA1; Obg-like ATPase 1; GTP binding protein 9 (putative) , GTPBP9; obg-like ATPase 1; PTD004;

**Gene ID**

29789

**mRNA Refseq**

NM\_001011708

**Protein Refseq**

NP\_001011708

**MIM**

611175

**Uniprot ID**

Q9NTK5

**Chromosome  
Location**

2q31.1

**Function**

ATP binding; GTP binding; hydrolase activity; nucleotide binding;

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