

AR50484PU-S**Human GTPBP9 / OLA1 (1-396, His-tag) - Purified**

Alternate names:	GTP-binding protein 9, Obg-like ATPase 1
Quantity:	0.1 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	OLA1, also known as obg-like ATPase 1, functions as a negative regulator of the cellular antioxidant response independent of transcriptional processes. OLA1 suppresses the antioxidant response through nontranscriptional mechanisms.
Uniprot ID:	Q9NTK5
NCBI:	NP_037473
GeneID:	29789
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.1M NaCl
Description:	Recombinant human OLA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSHMPPKKG GDGIKPPPII GRFGTSLKIG IVGLPNVGKS TFFNVLTSQ ASAENFPFCT IDPNESRVPV PDERFDFLCQ YHKPASKIPA FLNVVDIAGL VKGAHNGQGL GNAFLSHISA CDGIFHLTRA FEDDDITHVE GSVDPIRDIE IIEHELQKLD EEMIGPIIDK LEKVAVRGGD KKLKPEYDIM CKVKSVIDQ KKPVRFYHDW NDKEIEVLNK HLFLTSPKPMV YLVNLSEKDY IRKKNKWLK IKEWVDKYDP GALVIPFSGA LELKLQELSA EERQKYLEAN MTQSALPKII KAGFAALQLE YFFTAGPDEV RAWTIRKGTK APQAAGKIHT DFEKGFI MAE VMKYEDFKEE GSENAVKAAG KYRQQGRNYI VEDGDIIFFK FNTPQQPKKK Molecular weight: 47.3 kDa (420aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Choudhary C., et al. (2009) Science. 325:834-840 Koller-Eichhorn R., et al. (2007) J. Biol. Chem. 282:19928-19937

Pictures:

