

Obg-Like ATPase 1 Human Recombinant

Item Number	rAP-1410
Synonyms	Obg-like ATPase 1, DNA damage-regulated overexpressed in cancer 45, DOC45, GTP-binding protein 9, OLA1, GTPBP9, PRO2455, PTD004, GBP45, GTBP9.
Description	OLA1 Human Recombinant produced in E. coli is a single polypeptide chain containing 420 amino acids (1-396) and having a molecular mass of 47.3kDa.OLA1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NTK5
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHPKPKKG GDGIKPPPII GRFGTSLKIG IVGLPNVGKS TFFNVLT- NSQ ASAENFPFCT IDPNESRPV PDERFDLCQ YHKPASKIPA FLNVVDIAGL VKGAHNGQGL GNAFLSHISA CDGIFHLTRA FEDDDITHVE GSVDPIRDIE IIHEELQLKD EEMIGPIIDK LEKVAVRGGD KKLKPEYDIM CKVKSVIDQ KKPVRFYHDW NDKEIEVLNK HLFLLSKPMV YLVNLSEKDY IRKKNKWLK IKEWVDKYDP GALVIPFSGA LELKLQELSA EERQKYLEAN MTQSALPKII KAGFAALQLE YFFTAGPDEV RAWTIRKGTK APQAAGKIHT DFEKGFIMAE VMKYEDFKEE GSENAVKAAG KYRQQGRNYI VEDGDI- IFFK FNTQQPKKK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.
Formulation and Purity	The OLA1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**