Recombinant Human OLA1 protein, His-SUMO-tagged

Cat. No. OLA1-3305H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OLA1 protein(Q9NTK5)(1-396aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-396aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	60.7 kDa
AA Sequence	MPPKKGGDGIKPPPIIGRFGTSLKIGIVGLPNVGKSTFFNVLTNSQASAENFPFCTIDP NESRVPVPDERFDFLCQYHKPASKIPAFLNVVDIAGLVKGAHNGQGLGNAFLSHISA CDGIFHLTRAFEDDDITHVEGSVDPIRDIEIIHEELQLKDEEMIGPIIDKLEKVAVRGGD KKLKPEYDIMCKVKSWVIDQKKPVRFYHDWNDKEIEVLNKHLFLTSKPMVYLVNLSE KDYIRKKNKWLIKIKEWVDKYDPGALVIPFSGALELKLQELSAEERQKYLEANMTQSA LPKIIKAGFAALQLEYFFTAGPDEVRAWTIRKGTKAPQAAGKIHTDFEKGFIMAEVMK YEDFKEEGSENAVKAAGKYRQQGRNYIVEDGDIIFFKFNTPQQPKKK
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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; GTP-binding protein PTD004; homologous yeast-44.2 protein; GTP-binding protein 9 (putative); DNA damage-regulated overexpressed in cancer 45 protein; DOC45; GBP45; GTBP9; GTPBP9; DKFZp313H1942;
Gene ID	29789
mRNA Refseq	NM_001011708
Protein Refseq	NP_001011708
MIM	611175
UniProt ID	Q9NTK5

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