Recombinant Human OLA1 protein, His-tagged

Cat. No. OLA1-3533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OLA1 protein(1-250 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-250 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MPPKKGGDGIKPPPIIGRFGTSLKIGIVGLPNVGKSTFFNVLTNSQASAENFPFCTIDP NESRVPVPDERFDFLCQYHKPASKIPAFLNVVDIAGLVKGAHNGQGLGNAFLSHISA CDGIFHLTRAFEDDDITHVEGSVDPIRDIEIIHEELQLKDEEMIGPIIDKLEKVAVRGGD KKLKPEYDIMCKVKSWVIDQKKPVRFYHDWNDKEIEVLNKHLFLTSKPMVYLVNLSE KDYIRKKNKWLLESTDN
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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