

Datasheet for ABIN7550158

OLA1 Protein (AA 1-396) (His tag)



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Overview

Quantity:	1 mg
Target:	OLA1
Protein Characteristics:	AA 1-396
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OLA1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat OLA1 Protein expressed in mammalian cells.
Sequence:	<p>MPPKKGGDGI KPPPIIGRFG TSLKIGIVGL PNVGKSTFFN VLTNSQASAE NFPFCTIDPN</p> <p>ESRVPVPDER FDFLCQYHKP ASKIPAFNLV VDIAGLVKGA HNGQGLGNAF LSHISACDGI</p> <p>FHLTRAFEDD DITHVEGSVD PIRDIEIHE ELQLKDEEMI GPIIDKLEKV AVRGGDKKLK</p> <p>PEYDIMCKVK SWVIDQKKPV RFYHDWNDKE IEVLNKHFL TSKPMVYLVN LSEKDYIRKK</p> <p>NKWLIIKEW VDKYDPGALV IPFSGALELK LQELSAEERQ KYLEANMTQS ALPKIIKAGF</p> <p>AALQLEYFFT AGPDEVRAWT IRKGTKAPQA AGKIHTDFEK GFIMAEVMKY EDFKEEGSEN</p> <p>AVKAAGKYRQ QGRNYIVEDG DIIFFKFNTQ QPKKKK Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	OLA1
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Alternative Name:	OLA1 (OLA1 Products)
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Background:	Obg-like ATPase 1 (DNA damage-regulated overexpressed in cancer 45) (DOC45) (GTP-binding protein 9),FUNCTION: Hydrolyzes ATP, and can also hydrolyze GTP with lower efficiency. Has lower affinity for GTP. {ECO:0000255 HAMAP-Rule:MF_03167}.
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Molecular Weight:	44.7 kDa
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UniProt:	Q9NTK5
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months