Datasheet for ABIN7549164

Lsg1 Protein (AA 1-658) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	Lsg1
Protein Characteristics:	AA 1-658
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lsg1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant LSG1 Protein expressed in mammalian cells.
Sequence:	MGRRRAPAGG SLGRALMRHQ TQRSRSHRHT DSWLHTSELN DGYDWGRLNL QSVTEQSSLD DFLATAELAG TEFVAEKLNI KFVPAEARTG LLSFEESQRI KKLHEENKQF LCIPRRPNWN QNTTPEELKQ AEKDNFLEWR RQLVRLEEEQ KLILTPFERN LDFWRQLWRV IERSDIVVQI VDARNPLLFR CEDLECYVKE MDANKENVIL INKADLLTAE QRSAWAMYFE KEDVKVIFWS ALAGAIPLNG DSEEEANRDD RQSNTTKFGH SSFDQAEISH SESEHLPARD SPSLSENPTT DEDDSEYEDC PEEEEDDWQT CSEEDGPKEE DCSQDWKESS TADSEARSRK TPQKRQIHNF SHLVSKQELL ELFKELHTGR KVKDGQLTVG LVGYPNVGKS STINTIMGNK KVSVSATPGH TKHFQTLYVE PGLCLCDCPG LVMPSFVSTK AEMTCSGILP IDQMRDHVPP VSLVCQNIPR HVLEATYGIN IITPREDEDP HRPPTSEELL TAYGYMRGFM TAHGQPDQPR SARYILKDYV SGKLLYCHPP PGRDPVTFQH QHQRLLENKM NSDEIKMQLG RNKKAKQIEN IVDKTFFHQE NVRALTKGVQ AVMGYKPGSG VVTASTASSE NGAGKPWKKH GNRNKKEKSR RLYKHLDM **Sequence without tag. The proposed Purification-Tag is based on experiences with the**

Product Details

	expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	Lsg1
Alternative Name:	LSG1 (Lsg1 Products)
Background:	Large subunit GTPase 1 homolog (hLsg1) (EC 3.6.1.-),FUNCTION: GTPase required for the XPO1/CRM1-mediated nuclear export of the 60S ribosomal subunit. Probably acts by mediating the release of NMD3 from the 60S ribosomal subunit after export into the cytoplasm (Probable). {ECO:0000305|PubMed:16209721}.
Molecular Weight:	75.2 kDa
UniProt:	Q9H089

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

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