

Datasheet for ABIN7564942

ECD/SGT1 Protein (AA 1-641) (His tag)



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Overview

Quantity:	1 mg
Target:	ECD/SGT1 (ECD)
Protein Characteristics:	AA 1-641
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ECD/SGT1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ecd Protein expressed in mammalian cells.
Sequence:	<p>MEGSGKLAMV EDAVEYHLFL IPDKARGTEE HREILQKYIE RIMTQFAPIL VPYIWQNQPF</p> <p>NLKYKPAKGG VPAHMYGMTK FGDNIEDEWF IVYVIKQITK EFPELVARVE DNDGEFLLIE</p> <p>AADFLPKWLD PDNSANRVFF HHGELCIIPV PRKSERIPWL PMTPPTIQQA LSIISAHPEA</p> <p>VLASESIQAA VDRRVSGYPE RVEASLHRAH CFLPAGIVAV LKQQPRLLSA AVQAFYLRDP</p> <p>IDLRACRVFK TFLPETRIMA SVTFTKCLYA QLVQQKFVPD RRSYGGLPPP SHPQYRAYEL</p> <p>GMKLAHGFEI LCSKCSPHFS DSRKSLVTAS PLWASFLESL KRNDYFKGLM DGSAQYQERL</p> <p>EMAKNYFQLS IHRPESSLAM SPGEEILTVL QTQPFDAEL KTEEADLPPE DDDQWLDLSP</p> <p>DQLDQLQDA AGRKESQPGP QKEELQNYDV AQVSDSMKAF ISKVSSHKGA ELPRDPSEAP</p> <p>ITFDADSFLN YFDKILGAKP QESDSEDDPG EEDVEGVDS DVGFEAQES ESLKGALGSL</p> <p>KSYMARMQDE LAHTSMGRSF TTRERLNKDP PSHTANDNSD EEDSGAGDCA VEAVDVDLNL</p> <p>ISNILESYSS QAGLAGPASN LLHSMGVRLP DNADHNPQVS Q Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different</p>

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ECD/SGT1 (ECD)
Alternative Name:	Ecd (ECD Products)
Background:	<p>Protein ecdysoneless homolog,FUNCTION: Regulator of p53/TP53 stability and function. Inhibits MDM2-mediated degradation of p53/TP53 possibly by cooperating in part with TXNIP. May be involved transcriptional regulation. In vitro has intrinsic transactivation activity enhanced by EP300. May be a transcriptional activator required for the expression of glycolytic genes (By similarity). Involved in regulation of cell cycle progression (PubMed:26711270). Proposed to disrupt Rb-E2F binding leading to transcriptional activation of E2F proteins (PubMed:19640839). The cell cycle -regulating function may depend on its RUVBL1-mediated association with the R2TP complex. May play a role in regulation of pre-mRNA splicing (By similarity). {ECO:0000250 UniProtKB:O95905}.</p>

Target Details

Molecular Weight:	71.7 kDa
UniProt:	Q9CS74
Pathways:	Regulation of Carbohydrate Metabolic Process

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