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Datasheet for ABIN7561588

SERTAD2 Protein (AA 1-309) (His tag)

Overview

Quantity:	1 mg
Target:	SERTAD2
Protein Characteristics:	AA 1-309
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERTAD2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sertad2 Protein expressed in mammalian cells.
Sequence:	MLGKGGKRKF DEHEDGLEGK IVSPSDGPSR VSYTLQRQTI FNISLMKLYN HRPLTEPSLQ KTVLINMLR RIQEELKQEG SLRPAFT PSS QPSNSLSDSY QEAPPAPHP CDLGSTTPLE ACLTPASLLE DDNDDTFCTL QAVHPAAPTR LSSAALPAEK DSFSSALDEI EELCPTSTST EAAHTAAPEG PKGTSESSV QKPEGPEEGR TDDSRFMDSL PGNFEITTST GFLTDLTLDD ILFADIDTSM YDFDPCTSAS GTASKMAPVS ADDLLKTLAP YSNQPVAPSQ PFKMDLTELD HIMEVLVGS Sequence without tag. The proposed Purification-Tag is based on experiences with the 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:

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	SERTAD2
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Alternative Name:	Sertad2 (SERTAD2 Products)
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Background:	SERTA domain-containing protein 2 (Transcriptional regulator interacting with the PHD-bromodomain 2) (TRIP-Br2),FUNCTION: Acts at E2F-responsive promoters as coregulator to integrate signals provided by PHD- and/or bromodomain-containing transcription factors. May act as coactivator as well as corepressor of E2F1-TFDP1 and E2F4-TFDP1 complexes on E2F consensus binding sites, which would activate or inhibit E2F-target genes expression. Modulates fat storage by down-regulating the expression of key genes involved in adipocyte lipolysis, thermogenesis and oxidative metabolism. {ECO:0000269 PubMed:23291629}.
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Molecular Weight:	33.3 kDa
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UniProt:	Q9JJG5
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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.
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Application Details

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