

Datasheet for ABIN7546325

SMARCD2 Protein (AA 1-531) (His tag)



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Overview

Quantity:	1 mg
Target:	SMARCD2
Protein Characteristics:	AA 1-531
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMARCD2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SMARCD2 Protein expressed in mammalian cells.
Sequence:	<p>MSGRGAGGFP LPPLSPGGGA VAAALGAPPP PAGPGMLPGP ALRGPGPAGG VGGPGAAAFR PMGPAGPAAQ YQRPGMSPGN RMPMAGLQVG PPAGSPFGAA APLRPGMPPT MMDPFRKRL VPQAQPPMPA QRRGLKRRKM ADKVLPQIR ELVPESQAYM DLLAFERKLD QTIARKRMEI QEAIKKPLTQ KRKLRIYISN TFSPSKAEGD SAGTAGTPGG TPAGDKVASW ELRVEGKLLD DPSKQKRKFS SFFKSLVIEL DKELYGPDNH LVEWHRMPTT QETDGFQVKR PGDLNVKCTL LLMLDHQPPQ YKLDPRLARL LGVHTQTRAA IMQALWLYIK HNQLQDGHYR EYINCNRYSR QIFSCGRLRF SEIPMKLAGL LQHPDPIVIN HVISVDPNDQ KKTACYDIDV EVDDPLKAQM SNFLASTTNQ QEIASLDVKI HETIESINQL KTQRDFMLSF STDPQDFIQE WLRSQRRDLK IITDVIGNPE EERRAAFYHQ PWAQEA VGRH IFAKVQQRQ ELEQVLGIRL T</p> <p>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.</p>

Product Details

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:	SMARCD2
Alternative Name:	SMARCD2 (SMARCD2 Products)
Background:	<p>SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 2 (60 kDa BRG-1/Brm-associated factor subunit B) (BRG1-associated factor 60B) (BAF60B),FUNCTION: Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Component of SWI/SNF chromatin remodeling complexes that carry out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner (PubMed:22952240, PubMed:26601204). Critical regulator of myeloid differentiation, controlling granulocytopoiesis and the expression of genes involved in neutrophil granule formation (PubMed:28369036). {ECO:0000269 PubMed:28369036, ECO:0000303 PubMed:22952240, ECO:0000303 PubMed:26601204}.</p>
Molecular Weight:	58.9 kDa

Target Details

UniProt: [Q92925](#)

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