

Datasheet for ABIN7551690  
**SAPCD2 Protein (AA 1-394) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SAPCD2
Protein Characteristics:	AA 1-394
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SAPCD2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SAPCD2 Protein expressed in mammalian cells.
Sequence:	MAGAAMAERG RVPPPAPAPS TEGLPRAFLQ SLRTLFDILD DRRRGCVHLR EIESRWQGTD ARELPRGVLE GLRQVAPASG YLTFERFVAG LRTSLLSADG GPRDPTRAPA RPGDQPPPPP QRLVFAPADE PRTVLERKPL PLGVRAPLAG PSAAARSPEQ LCAPAEAAPC PAEPERSQSA ALEPSSSADA GAVACRALEA DSGDARRAPR ARGERRRHTI ASGVDCGLLK QMKELEQEKE VLLQGLEMMMA RGRDWYQQQL QRVQERQRRLL GQSRASADFG AAGSPRPLGR LLPKVQEVAR CLGELLAAC ASRALPPSSS GPPCPALTST SPPVWQQQTI LMLKEQNRL TQEVTEKSER ITQLEQEKSA LIKQLFEARA LSQQDGGPLD STFI <b>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.</b>
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.

## Product Details

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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### Grade:

custom-made

## Target Details

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### Target:

SAPCD2

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### Alternative Name:

SAPCD2 ([SAPCD2 Products](#))

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### Background:

Suppressor APC domain-containing protein 2 (Tumor specificity and mitosis phase-dependent expression protein) (TS/MDEP) (p42.3),FUNCTION: Plays a role in planar mitotic spindle orientation in retinal progenitor cells (RPCs) and promotes the production of symmetric terminal divisions (By similarity). Negatively regulates the mitotic apical cortex localization of GPM2 (PubMed:26766442). Involved also in positive regulation of cell proliferation and tumor cell growth (PubMed:23576022, PubMed:23704824). {ECO:0000250|UniProtKB:Q9D818, ECO:0000269|PubMed:23576022, ECO:0000269|PubMed:23704824, ECO:0000269|PubMed:26766442}.

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### Molecular Weight:

42.6 kDa

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### UniProt:

[Q86UD0](#)

## Application Details

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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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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months