

Datasheet for ABIN7555412  
**SBNO2 Protein (AA 1-1366) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SBNO2
Protein Characteristics:	AA 1-1366
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SBNO2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SBNO2 Protein expressed in mammalian cells.
Sequence:	MLAVGPAMDR DYPQHEPPPA GSKLLYSPPL QSAMLHCPYW NTFSLPPYPA FSSDSRPFMS SASFLGSQPC PDTSYAPVAT ASSLPKTCDF AQDSSYFED FSNISIFSS VDSLSDIVDT PDFLPADSLN QVSTIWDDNP APSTHDKLFQ LSRPFAGFED FLPSTHSTPLL VSYQEVSQVS QPEEEDAEAE EEAELGHE TYADYVPSKS KIGKQHPDRV VETSTLSSVP PPDITYTLAL PSDSGALSAL QLEAITYACQ QHEVLLPSGQ RAGFLIGDGA GVGKGRTVAG VILENHLRGR KKALWFSVSN DLKYDAERDL RDIEATGIAV HALSKIKYGD TTTSEGLVFA TYSALIGESQ AGGQHRTRLR QILDWCGEAF EGVIVFDECH KAKNAGSTKM GKAVLDLQNK LPLARVVYAS ATGASEPRNM IYMSRLGIWG EGTPFRNFEE FLHAIEKRGV GAMEIVAMD M KVS GMYIARQ LSFSGVTFRI EEIPLAPAFE CVYNRAALLW AEALNVFQQA ADWIGLESRK SLWGQFWSAH QRFFKYLCIA AKVRRLEVELA REELARDKCV VIGLQSTGEA RTREVLGEND GHLNCFVSAA EGVFLSLIQK HFPSTKRKRD RGAGSKRKRR PRGRGAKAPR LACETAGVIR ISDDSSSTESD PGLDSDFNSS PESLVDDDVV IVDVAVGLPSD DRGPLCLLQR DPHGPGVLER VERLQDILLD

KVRRRLGRELP VNTLDELIDQ LGGPQRVAEM TGRKGRVVS R PDGTVAFESR AEQGLSIDHV  
NLREKQRFMS GEKLVAIISE ASSSGVSLQA DRRVQNQRRR VHMTLELPWS ADRAIQFGR  
THRSNQVSAP EYVFLISELA GERRFASIVA KRLESLGALT HGDRRATESR DLSKYNFENK  
YGTRALHCVL TTILSQTENK VPVPQGYPGG VPTFFRDMKQ GLLSVGIGGR ESRNGCLDVE  
KDCSITKFLN RILGLEVHKQ NALFQYFSDT FDHLIEMDKR EGKYDMGILD LAPGIEEIE  
ESQQVFLAPG HPQDGQVVVFY KISVDRGLKW EDAFAKSLAL TGPYDGFYLS YKVRGNKPSC  
LLAEQNRGQF FTVYKPNIGR QSQLEALDSL RRRKFHRVTAE EAKEPWESGY ALSLTHCSHS  
AWNRRHCLAQ EGKDCLQGLR LRHHYMLCGA LLRVWGRIAA VMADVSSSSY LQIVRLKTKD  
RKKQVGIKIP EGCVRRVLQE LRLMDADVKR RQAPALGCPA PPAPRPLALP CGPGEVLDLT  
YSPPAEAFPP PPHFSFPAPL SLDAGPGVVP LGTPDAQADP AALAHQGCDI NFKEVLEDML  
RSLHAGPPSE GALGEGAGAG GAAGGGPERQ SVIQFSPFPF GAQAPL **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:

- 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:	SBN02
Alternative Name:	SBN02 ( <a href="#">SBN02 Products</a> )
Background:	<p>Protein strawberry notch homolog 2,FUNCTION: Acts as a transcriptional coregulator, that can have both coactivator and corepressor functions. Inhibits the DCSTAMP-repressive activity of TAL1, hence enhancing the access of the transcription factor MITF to the DC-STAMP promoter in osteoclast. Plays a role in bone homeostasis, required as a positive regulator in TNFSF11//RANKL-mediated osteoclast fusion via a DCSTAMP-dependent pathway. May also be required in the regulation of osteoblast differentiation (By similarity). Involved in the transcriptional corepression of NF-kappaB in macrophages (PubMed:18025162). Plays a role as a regulator in the pro-inflammatory cascade (PubMed:18025162).</p> <p>{ECO:0000250 UniProtKB:Q7TNB8, ECO:0000269 PubMed:18025162}.</p>
Molecular Weight:	150.3 kDa
UniProt:	<a href="#">Q9Y2G9</a>

## 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