

Datasheet for ABIN7562337

Patched 2 Protein (PTCH2) (AA 1-1182) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Patched 2 (PTCH2)
Protein Characteristics:	AA 1-1182
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Patched 2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Ptch2 Protein expressed in mammalien cells.
Sequence:	MVRPLSLGEL PPSYTTPARS SAPHILAGSL QAPLWLRAYF QGLLFSLGCR IQKHCGKVLFLGLVAFGALA LGLRVAVIET DLEQLWVEVG SRVSQELHYT KEKLGEEAAY TSQMLIQTAHQEGGNVLTPE ALDLHLQAAL TASKVQVSLY GKSWDLNKIC YKSGVPLIEN GMIERMIEKL FPCVILTPLD CFWEGAKLQG GSAYLPGRPD IQWTNLDPPQ LLEELGPFAS LEGFRELLDK AQVGQAYVGR PCLDPDDPHC PPSAPNRHSR QAPNVAQELS GGCHGFSHKF MHWQEELLGGTARDLQGQL LRAEALQSTF LLMSPRQLYE HFRGDYQTHD IGWSEEQASM VLQAWQRRFVQLAQEALPAN ASQQIHAFSS TTLDDILRAF SEVSTTRVVG GYLLMLAYAC VTMLRWDCAQSQGAVGLAGV LLVALAVASG LGLCALLGIT FNAATTQVLP FLALGIGVDD IFLLAHAFTK APPDTPPER MGECLRSTGT SVALTSVNNM VAFFMAALVP IPALRAFSLQ AAIVVGCNFA AVMLVFPAIL SLDLRRRHRQ RLDVLCFFSS PCSAQVIQML PQELGDRAVP VGIAHLTATVQAFTHCEASS QHVVTILPPQ AHLLSPASDP LGSELYSPGG STRDLLSQEE GTGPQAACRP

Product Details

LLCAHWTLAH FARYQFAPLL LQTRAKALVL LFFGALLGLS LYGATLVQDG LALTDVVPRG
TKEHAFLSAQ LRYFSLYEVA LVTQGGFDYA HSQRALFDLH QRFSSLKAVL PPPATQAPRT
WLHYYRSWLQ GIQAAFDQDW ASGRITCHSY RNGSEDGALA YKLLIQTGNA QEPLDFSQLT
TRKLVKDEGL IPPELFYMGL TVWVSSDPLG LAASQANFYP PPEWLHDKY DTTGENLRIP
AAQPLEFAQF PFLHGLQKT ADFVEAIEGA RAACTEAGQA GVHAYPSGSP FLFWEQYLGL
RRCFLAVCI LLVCTFLVCA LLLLSPWTAG LIVLVLAMMT VELFGIMGFL GIKLSAIPVV ILVASIGIGV
EFTVHVALGF LTSHGSRNLR AASALEQTFA PVTDGAVSTL LGLLMLAGSN FDFIIRYFFV
VLTVLTLLGL LHGLLLLPVL LSILGPPPQV VQVYKESPQT LNSAAPQRGG LRWDRPPTLP
QSFARVTTSM TVALHPPPLP GAYVHPASEE PT **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

Patched 2 (PTCH2)

Alternative Name:

Ptch2 ([PTCH2 Products](#))

Background:

Protein patched homolog 2 (PTC2),FUNCTION: Plays a role in the control of cellular growth (By

Target Details

similarity). May have a role in epidermal development. May act as a receptor for Sonic hedgehog (SHH). {ECO:0000250|UniProtKB:Q9Y6C5}.

Molecular Weight: 128.6 kDa

UniProt: [O35595](#)

Pathways: [Hedgehog Signaling](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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