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Datasheet for ABIN7552682
BRPF3 Protein (AA 1-1205) (His tag)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | BRPF3 |
| Protein Characteristics: | AA 1-1205 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This BRPF3 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|-----------|---|
| Purpose: | Custom-made recombinat BRPF3 Protein expressed in mammalian cells. |
| Sequence: | MRKPRRKSQR NAEGRRSPSP YSLKCSPTRE TLTYAQAQRI VEVDIDGRLH RISIYDPLKI ITEDELTAQD ITECNSNKEN SEQPQFPGKS KKPSSKGKKK ESCSKHASGT SFHLPQPSFR MVDSGIQPEA PPLPAAYRY IEKPPEDLDA EVEYDMDEED LAWLDMVNEK RRVDPGHSLVS ADTFELLVDR LEKESYLESR SSGAQQSLID EDAFCCVCLD DECHNSNVIL FCDICNLAVH QECYGVPIYIP EGQWLCRCCL QSPSRPVDCI LCPNKGGAFFK QTSDFGHWAHV VCAIWIPEVC FANTVFLEPI EGIDNIPPAR WKLTCYICKQ KGLGAAIQCH KVNCYTAFHV TCAQRAGLFM KIEPMRETSR NGTIFTVRKT AYCEAHSPPG AATARRKGDS PRSISSETGDE EGLKEGDGEE EEEEVEEEE QEAQGGVSGS LKGVPKKSKM SLKQKIKKEP EEAGQDTPST LPMLAVPQIP SYRLNKICSG LSFQRKNQFM QRLHNYWLLK RQARNGVPLI RRLHSHLQSQ RNAEQREQDE KTSVAKKEELK YWQKLRHDLE RARLLIELIR KREKLKREQV KVQQAAMELE LMPFNVLLRT TLDLLQEKDP AHIFAEPVNL SEVPDYLEFI SKPMDFSTMR RKLESHLYRT LEEFEEDFNL |

Product Details

IVTNCMKYNA KDTIFHRAAV RLRDLGGAIL RHARRQAENI GYDPERGTHL PESPKLEDFY
RFSWEDVDNI LIPENRAHLS PEVQLKELLE KLDLVSAMRS SGARTRRVRL LRREINALRQ
KLAQPPPPQP PSLNKTVSNG ELPAGPQGD AVLEQALQEE PEDDGDRDDS KLPPPPPTLEP
TGPAPSLSEQ ESPPEPPTLK PINDSKPPSR FLKPRKVEED ELLEKSPLQL GNEPLQRLLS
DNGINRLSLM APDTPAGTPL SGVGRRTSVL FKKAKNGVKL QRSPDRVLEN GEDHGVAGSP
ASPASIEEER HSRKRPRSRS CSESEGERSP QQEEETGMTN GFGKHTESGS DSECSLGLSG
GLAFEACSLG TPPKRSRGKP ALSRVPFLEG VNGSDYNGS GRLLLLPFED RGDLEPLELV
WAKCRGYPSY PALIIDPKMP REGLLHNGVP IPVPLDVLK LGEQKQAEAG EKLFLVLFDD
NKRTWQWLPR DKVLPLGVED TVDKLKMLEG RKTSIRKSVQ VAYDRAMIDL SRVRGPHSFV
TSSYL **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: BRPF3

Alternative Name: BRPF3 ([BRPF3 Products](#))

Background: Bromodomain and PHD finger-containing protein 3,FUNCTION: Scaffold subunit of various

Target Details

histone acetyltransferase (HAT) complexes, such as the MOZ/MORF and HBO1 complexes, which have a histone H3 acetyltransferase activity (PubMed:16387653, PubMed:26620551, PubMed:26677226). Plays a role in DNA replication initiation by directing KAT7/HBO1 specificity towards histone H3 'Lys-14' acetylation (H3K14ac), thereby facilitating the activation of replication origins (PubMed:26620551). Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity (PubMed:16387653). {ECO:0000269|PubMed:16387653, ECO:0000269|PubMed:26620551, ECO:0000269|PubMed:26677226}.

Molecular Weight: 135.7 kDa

UniProt: [Q9ULD4](#)

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