

Datasheet for ABIN7550694
PGBD3 Protein (AA 1-593) (His tag)



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Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | PGBD3 |
| Protein Characteristics: | AA 1-593 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PGBD3 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|-----------|---|
| Purpose: | Custom-made recombinat PGBD3 Protein expressed in mammalian cells. |
| Sequence: | <p>MPRTL^SSLHEI TD^LLET^DDSI EASA^IVIQPP ENATAPVSDE ESGDEEGGTI NNLPGSLLHT AAYLIQDGS^D AESD^SDDPSY APKDDSPDEV PSTFTVQPP PSRRRKMTKI LCKWKKADLT VQPVAGR^VTA PPNDFF^TVMR TPTEILELFL DDEVIELIVK YSNLYACSKG VHLGLTSSEF KCFLGIIFLS GYVSVPRRRM FWEQRTDVHN VLVSAAMRRD RFETIFSNLH VADNANLDPV DKFSKLRPLI SKLN^ERCMKF VPNETYFSFD EFMVPYFGRH GCKQFIRGKP IRFGYKFWCG ATCLGYICWF QPYQGNPNT KHEEYGVGAS LVLQFSEALT EAHPGQYHFV FNNFFTSIAL LDKLSSMGHQ ATGTVRKDHI DRVPLESDVA LKKKERGTFD YRIDGKGNIV CRW^NDNSVVT VASSGAGIHP LCLVSRYSQK LKKKI^QVQQP NMIKVYNQFM GGVDRADENI DKYRASIRGK KWYSSPLLFC FELVLQNAWQ LHKTYDEKPV DFLEFRRRVV CHYLETHGHP PEPGQKGRPQ KRNIDSR^YDG INHVIVKQGK QTRCAECHKN TFRCEKCDV ALHVKCSVEY HTE Sequence without tag. The proposed Purification-Tag is based on experiences with the expression</p> |

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:

PGBD3

Alternative Name:

PGBD3 ([PGBD3 Products](#))

Background:

PiggyBac transposable element-derived protein 3,FUNCTION: Binds in vitro to PGBD3-related transposable elements, called MER85s, these non-autonomous 140 bp elements are characterized by the presence of PGBD3 terminal inverted repeats and the absence of internal transposase ORF. {ECO:0000269|PubMed:22483866}.

Molecular Weight:

67.6 kDa

UniProt:

[Q8N328](#)

Pathways:

[Chromatin Binding](#)

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
