

Datasheet for ABIN7550666
PGBD1 Protein (AA 1-809) (His tag)



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Overview

Quantity:	1 mg
Target:	PGBD1
Protein Characteristics:	AA 1-809
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PGBD1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PGBD1 Protein expressed in mammalian cells.
Sequence:	<p>MYEALPGPAP ENEDGLVKVK EEDPTWEQVC NSQEGSSHTQ EICRLRFRHF CYQEAHG PQE</p> <p>ALAQLRELCH QWLRPEMHTK EQIMELLVLE QFLTILPKEL QPCVKTYPLE SGEEAVTVLE</p> <p>NLETGSGDTG QQASVYIQGQ DMHPMVAEYQ GVSLECSLQ LLPGITTLKC EPPQRPQGNP</p> <p>QEVSGPVPHG SAHLQEK NPR DKAVVPVFNP VRSQTLVKTE EETAQAVAAE KWSHLSLTRR</p> <p>NLCGNSAQET VMSLSPMTEE IVTKDRLFKA KQETSEEMEQ SGEASGKPNR ECAPQIPCST</p> <p>PIATERTVAH LNTLKDRHPG DLWARMHISS LEYAAGDITR KGRKKDKARV SELLQGLSFS</p> <p>GDSDVEKDNE PEIQPAQKKL KVSCFPEKSW TKRDIKPNFP SWSALDSGLL NLKSEKLN PV</p> <p>ELFELFFDDE TFNLIVNETN NYASQKNVSL EVTQEMRCV FGVLLLSGFM RHPRREMYWE</p> <p>VSDTDQNLVR DAIRDRFEL IFSNLHFADN GHLDQKDKFT KLRPLIKQMN KNFLLYAPLE</p> <p>EYYCFDKSMC ECFDSDQFLN GKPIRIGYKI WCGTTTQGYL VWFEPYQEEES TMKVDEDPDL</p> <p>GLGGNLVMNF ADVLLERGQY PYHLCFDSFF TSVKLLSALK KKGVRATGTI RENRTEKCPL</p>

Product Details

MNVEHMKMK RGYDFRIEE NNEILCRWY GDGIISLCSN AVGIEPVNEV SCCDADNEEI
PQISQPSIVK VYDECKEGVA KMDQISKYR VRIRSKKWYS ILVSYMIDVA MNNAWQLHRA
CNPGLSLDPL DFRRFVAHFY LEHNAHLSD **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	PGBD1
Alternative Name:	PGBD1 (PGBD1 Products)
Background:	PiggyBac transposable element-derived protein 1 (Cerebral protein 4)
Molecular Weight:	92.5 kDa
UniProt:	Q96JS3

Application Details

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

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