

Datasheet for ABIN7555277

RAPGEF6 Protein (AA 1-1601) (His tag)



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Overview

Quantity:	1 mg
Target:	RAPGEF6
Protein Characteristics:	AA 1-1601
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAPGEF6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat RAPGEF6 Protein expressed in mammalian cells.
Sequence:	MNSPVDPGAR QALRKPPER TPEDLNTIYS YLHGMEILSN LREHQLRLMS ARARYERYSG NQVLCSETI ARCWYILLSG SVLVKGSMVL PPCSFGKQFG GKRGCDCVLV EPSEMIVVEN AKDNEDSILQ REIPARQSR RFRKINYKGE RQTITDDVEV NSYLSLPADL TKMHLTENPH PQVTHVSSSQ SGCSIASDSG SSSLSDIYQA TESEVGVDVL TRLPEGPVDS EDDEEDEEEI DRTDPLQGRD LVRECLEKEP ADKTDDIEQ LLEFMHQLPA FANMTMSVRR ELCSVMIFEV VEQAGAIIE DGQELDSWYV ILNGTVEISH PDGKVENLFM GNSFGITPTL DKQYMHGIVR TKVDDCQFVC IAQQDYWRIL NHVEKNTHKV EEEGEIVMVH EHRELD RSGT RKGHIVIKAT PERLIMHLIE EHSVDPTYI EDFLTYRTF LESPLDVGK LLEWFKIDSL RDKVTRIVLL WVNNHFND FE GDPAMTRFLE EFEKNLEDTK MNGHLRLLNI ACAAKAKWRQ VVLQKASRES PLQFSLNGGS EKGFGIFVEG VEPGSKAADS GLKRGDQIME VNGQNFENIT FMKAVEILRN NTHLALT VKT NIFVKELLF RTEQEKSGVP HIPKIAEKKS NRHSIQHVPD DIEQTSQEKG

SKKVKANTVS GGRNKIRKIL DKTRFSILPP KLFSDGGLSQ SQDDSIIVGTR HCRHSLAIMP
IPGTLSSSSP DLLQPTTSM L DFSNPSDIPD QVIRVFKVDQ QSCYIIISKD TTAKEVVFHA
VHEFGLTGAS DTYSLCEVSV TPEGVIKQRR LPDQFSKLAD RIQLNGRYYL KNNMETETLC
SDEDAQELVK ESQLSMLQLS TIEVATQLSM RDFDLFRNIE PTEYIDDLFK LNSKTGNTHL
KRFEDIVNQE TFWVASEILT EANQLKRMKI IKHFIKIALH CRECKNFNSM FAISGLNLA
SVARLRGTWE KLPSKYEKHL QDLQDIFDPS RNMAKYRNIL SSQSMQPII PLFPVVKKDM
TFLHEGNDSK VDGLVNFEEKL RMISKEIRQV VRMTSANMDP AMMFRQRSLS QGSTNSNMLD
VQGGAHKKRA RRSSLLNAKK LYEDAQMARK VKQYLSSLDV ETDEEKFQMM SLQWEPAYGT
LTKNLSEKRS AKSSEMSPVP MRSAGQTTKA HLHQPHRVSQ VLQVPAVNLH PIRKKGQTKD
PALNTSLPQK VLGTTEEISG KKHTEDTISV ASSLHSSPPA SPQGSPHKG Y TLIPSAKSDN
LSDSSHSEIS SRSSIVSNCS VDSMSAALQD ERCSSQALAV PESTGALEKT EHASGIGDHS
QHGPGWTLK PSLIKCLAVS SSVSNEEISQ EHIIEAADS GRGSWTSCSS SSHDNFQSLP
NPKSWDFLNS YRHTHLDDPI AEVEPTDSEP YSCSKSCSRT CGQCKGSLER KSWTSSSSLS
DTYEPNYGTV KQRVLESTPA ESSEGLDPKD ATDPVYKTVT SSTEKGLIVY CVTSPKKDDR
YREPPPTPPG YLGISLADLK EGPHTHLKPP DYSAVAVQSK MMHNSLSRLP PASLSSNLVA
CVPSKIVTQP QRHNLQPFHP KLGDVTDADS EADENEQVSA V **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

Product Details

Grade: custom-made

Target Details

Target: RAPGEF6

Alternative Name: RAPGEF6 ([RAPGEF6 Products](#))

Background: Rap guanine nucleotide exchange factor 6 (PDZ domain-containing guanine nucleotide exchange factor 2) (PDZ-GEF2) (RA-GEF-2),FUNCTION: Guanine nucleotide exchange factor (GEF) for Rap1A, Rap2A and M-Ras GTPases. Does not interact with cAMP.
{ECO:0000269|PubMed:11524421, ECO:0000269|PubMed:12581858}.

Molecular Weight: 179.4 kDa

UniProt: [Q8TEU7](#)

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