

Datasheet for ABIN7547176
DRG2 Protein (AA 1-364) (His tag)



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Overview

Quantity:	1 mg
Target:	DRG2
Protein Characteristics:	AA 1-364
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DRG2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat DRG2 Protein expressed in mammalian cells.
Sequence:	MGILEKISEI EKEIARTQKN KATEYHLGLL KAKLAKYRAQ LLEPSKSASS KEGGFDVMKS GDARVALIGF PSVGKSTFLS LMTSTASEAA SYEFTTLTCI PGVIEYKGAN IQLDLPGII EGAAQGGKGRG RQVIAVARTA DVIIMMLDAT KGEVQRSLLE KELESVGIRL NKHKPNIFYK PKKGGGISFN STVTLTQCSE KLVQLILHEY KIFNAEVLFR EDCSPDEFID VIVGNRVYMP CLYVYNKIDQ ISMEEVDRLA RKPNSVVISG GMKLNLDYLL EMLWEYLALT CIYTKKRGQR PDFTDAILR KGASVEHVCH RIHRSLASQF KYALVWGTTST KYSPQRVGLT HTMEHEDVIQ IVKK 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:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	DRG2
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Alternative Name:	DRG2 (DRG2 Products)
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Background:	Developmentally-regulated GTP-binding protein 2 (DRG-2) (Translation factor GTPase DRG2) (TRAFAC GTPase DRG2) (EC 3.6.5.-),FUNCTION: Catalyzes the conversion of GTP to GDP through hydrolysis of the gamma-phosphate bond in GTP. When hydroxylated at C-3 of 'Lys-21' by JMJD7, may bind to RNA and play a role in translation. {ECO:0000269 PubMed:29915238}.
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Molecular Weight:	40.7 kDa
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UniProt:	P55039
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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.
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Restrictions:	For Research Use only
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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