

Datasheet for ABIN7555210

RASGRF1 Protein (AA 1-1273) (His tag)



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Overview

Quantity:	1 mg
Target:	RASGRF1
Protein Characteristics:	AA 1-1273
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASGRF1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RASGRF1 Protein expressed in mammalian cells.
Sequence:	MQKGIRLNDG HVASLGLLAR KDGTRKGYLS KRSSDNTKWQ TKWFALLQNL LFYFESDSSS RPSGLYLLEG CVCDRAPSPK PALSACEPLE KQHYFTVNFS HENQKALELR TEDAKDCDEW VAAIAHASYSR TLATEHEALM QKYLHLLQIV ETEKTVAKQL RQKIEDGEIE IERLKAETS LLKDNERIQS TQTVAPNDED SDIKKIKKVQ SFLRGWLCRR KWKTIQDYI RSPHADSMRK RNQVVFSMLE AEAQYVQLH ILVNNFLRPL RMAASSKKPP ITHDDVSSIF LNSETIMFLH QIFYQGLKAR ISSWPTLVLA DLFDILLPML NIYQEFVRNH QYSLQILAHK KQNRDFDKLL KHYEAKPDCE ERTLETFLTY PMFQIPRYIL TLHELLAHTP HEHVERNSLD YAKSKLEELS RIMHDEVSET ENIRKNLAIE RMIEGCEIL LDTSQTFVRQ GSLIQVPMSE KGKITRGRLG SLSLKKEGER QCFLFSKHLI ICTRGSGGKL HLTKNGVISL IDCTLLEEPE STEEAKGSG QDIDHLDFKI GVEPKDSPPF TVILVASSRQ EKAAWTSDIS QCVDNIRCNG LMMNAFEENS KVTVPQMIKR TREGTREAEM SRSDASLYCD DVDIRFSKTM NSCKVLQIRY ASVERLLERL

TDLRFLSIDF LNTFLHSYRV FTTAIVVLDK LITIYKKPIS AIPARWLRSL ELLFASGQNN
KLLYGEPKPS PRATRKFSPP PPLSITKTSS PSRRRKLSLN IPIITGGKAL DLAALSCNSN
GYTSMYSAMS PFSKATLDTS KLYVSSSFTN KIPDEGDTTP EKPEDPSALS KQSSEVSMRE
ESDIDQNQSD DGDGTETSPK SPTTPKSVKN KNSSEFPLFS YNNGVVMTC RELDNNRSAL
SAASAFIAT AGANEGTPNK EKYRRMSLAS AGFPPDQRNG DKEFVIRRAA TNRVNLVLRH
WWSKHSQDFE TNDELKCKVI GFLEEVMDHP ELLTQERKAA ANIIRTLTQE DPGDNQITLE
EITQMAEGVK AEPFENHSAL EIAEQLTLLD HLVFKKIPYE EFFGQGWMKL EKNERTPYIM
KTTKHFNDIS NLIASEIIRN EDINARVSAI EKWVAVADIC RCLHNYNAVL EITSSMNRSA
IFRLKKTWLK VSKQTKALID KLQKLVSSSEG RFKNLREALK NCDPPCVPYL GMYLTDLAFI
EEGTPNYTED GLVNFSKMRM ISHIIREIRQ FQQTAYKIEH QAKVTQYLLD QSFVMDEESL
YESSLRIEPK LPT **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:

RASGRF1

Alternative Name:

RASGRF1 ([RASGRF1 Products](#))

Target Details

Background:	Ras-specific guanine nucleotide-releasing factor 1 (Ras-GRF1) (Guanine nucleotide-releasing protein) (GNRP) (Ras-specific nucleotide exchange factor CDC25),FUNCTION: Promotes the exchange of Ras-bound GDP by GTP. {ECO:0000269 PubMed:11389730}.
Molecular Weight:	145.2 kDa
UniProt:	Q13972
Pathways:	RTK Signaling, Cell Division Cycle, M Phase

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