

Datasheet for ABIN7554041
RALGDS Protein (AA 1-914) (His tag)



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Overview

Quantity:	1 mg
Target:	RALGDS
Protein Characteristics:	AA 1-914
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RALGDS protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RALGDS Protein expressed in mammalien cells.
Sequence:	<p>MVQRMWAEAA GPAGGAEPLF PGSRRRSRVW DAVRLEVGVP DSCPVLHSF TQLDPLPRP ESSTQEIGEE LINGVIYSIS LRKVQLHHGG NKGQRWLGYE NESALNLYET CKVRTVKAGT LEKLVEHLVP AFQGS DLSYV TIFLCTYRAF TTTQQLDLL FKRYGRCDAL TASSRYGCIL PYSDDEDGGPQ DQLKNAISSI LGTWLDQYSE DFCQPPDFPC LKQLVAYVQL NMPGSDLERR AHL LLAQLEH SEPIAEPEA LSPVPALKPT PELELALTPA RAPSPVPAPA PEPEPAPTPA PGSELEVAPA PAPELQQAPE PAVGLESAPA PALELEPAPE QDPAPSQTLE LEPAPAPVPS LQPSWSPVW AENGLSEEKP HLLVFPPDLV AEQFTLMDAE LFKKVVPHYC LGSIW SQRDK KGKEHLPTI RATVTQFNSV ANCVITTCLG NRSTKAPDRA RWVEHWIEVA RECRILKNFS SLYAILSALQ SNSIHLKKT WEDVSRDSFR IFQKLSEIFS DENNYLSRE LLIKEGTSKF ATLEMNPKRA QKRPKETGII QGTVPYLGTF LTDLVMLDTA MKDYLYGR LI NFEKRRKEFE VIAQIKLLQS ACNNYSIAPD EQFGAWFRAV ERLSETESYN LSCELEPPSE SASNTRLRTKK</p>

Product Details

NTAIVKRWSD RQAPSTELST SGSSHSKSCD QLRCGPYLSS GDIADALSVH SAGSSSSDVE
EINISFVPES PDGQEKKFWE SASQSSPETS GISSASSSTS SSSASTTPVA ATRTHKRSVS
GLCNSSSALP LYNQQVGDCC IIRVSLDVDN GNMYKSILVT SQDKAPAVIR KAMDKHNLEE
EEPEDYELLQ ILSDDRKLKI PENANVFYAM NSTANYDFVL KKRTFTKGVK VKHGASSTLP
RMKQKGLKIA KGIF **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:

RALGDS

Alternative Name:

RALGDS ([RALGDS Products](#))

Background:

Ral guanine nucleotide dissociation stimulator (RalGDS) (Ral guanine nucleotide exchange factor) (RalGEF),FUNCTION: Functions as a guanine nucleotide exchange factor (GEF) activating either RalA or RalB GTPases and plays an important role in intracellular transport. Interacts and acts as an effector molecule for R-Ras, H-Ras, K-Ras, and Rap (By similarity). During bacterial clearance, recognizes 'Lys-33'-linked polyubiquitinated TRAF3 and subsequently mediates assembly of the exocyst complex (PubMed:27438768).

Target Details

{ECO:0000250|UniProtKB:Q03385, ECO:0000269|PubMed:27438768}.

Molecular Weight: 100.6 kDa

UniProt: [Q12967](#)

Pathways: [Neurotrophin Signaling Pathway](#)

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