

Product datasheet for TP327703

RASGRP3 (NM_001139488) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAS guanyl releasing protein 3 (calcium and DAG-regulated) (RASGRP3), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227703 protein sequence Red=Cloning site Green=Tags(s)

MGSSGLGKAATLDELLCTCIEMFDDNGELDNSYLPRIVLLMHRWYLSSTELAEKLLCMYRNATGESCNEF
RLKICYFMRYWILKFPFAEFNLDLGLIRMTEEFREVASQLGYEKHVSLIDISSIPSYDWMRRVTQRKKVSK
KKGACLLFDHLEPIELAEHLTFLEHKSFRISFTDYQSYVIHGCLENNPTLERSIALFNGISKWVQLMVL
SKPTPQQRAEVITKFINVAKKLLQLKNFNTLMAVGGLSHSSISRLKETHSHLSSEVTKNWNEMTELVSS
NGNYCNRYKAFADCDGFKIPILGVHLKDLIAVHVIFPDWTEENKVNIVKMHQLSVTLSELVSLQNASHHL
EPNMDLINLLTSLDLYHTEDDIYKLSLVLEPRNSKSQPTSPPTPNKPVVPLEWALGVMPKPDPTVINKH
IRKLVESVFRNYDHDHDGYISQEDFESIAANFPFLDSFCVLDKQDGLISKDEMMAYFLRAKSQLHCKMG
PGFIHNFQEMTYLKPTFCEHCAGFLWGIKQGYKCKDCGANCHKQCKDLLVLACRRFARAPSLSSGHGSL
PGSPSLPPAQDEVFEPGVTAGHRDLDSRAITLVTGSSRKISVRLQRATTSQATQTEPVWSEAGWGDSGS
HTFPKMKSKFHDKAAKDKGFAKWENEKPRVHAGVDVDRGTEFELDQDEGEETRQDGEDG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	78.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001132960](#)

Locus ID: 25780

UniProt ID: [Q8IV61](#)

RefSeq Size: 4798

Cytogenetics: 2p22.3

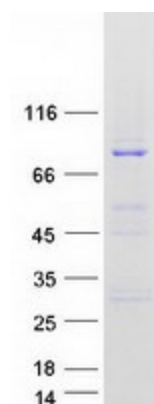
RefSeq ORF: 2070

Synonyms: GRP3

Summary: The protein encoded by this gene is a guanine nucleotide exchange factor that activates the oncogenes HRAS and RAP1A. Defects in this gene have been associated with systemic lupus erythematosus and several cancers. [provided by RefSeq, Mar 2017]

Protein Pathways: B cell receptor signaling pathway, MAPK signaling pathway

Product images:



Coomassie blue staining of purified RASGRP3 protein (Cat# TP327703). The protein was produced from HEK293T cells transfected with RASGRP3 cDNA clone (Cat# [RC227703]) using MegaTran 2.0 (Cat# [TT210002]).