

Product datasheet for PH327703

RASGRP3 (NM_001139488) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RASGRP3 MS Standard C13 and N15-labeled recombinant protein (NP_001132960)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227703
Predicted MW:	78.3 kDa
Protein Sequence:	>RC227703 protein sequence Red=Cloning site Green=Tags(s)

MGSSGLGKAATLDELCTCIEMFDDNGELDNSYLPRIVLLMHRWYLSSTELA EKLLCMYRNATGESCNEF
RLKICYFMRYWILKFP AEFNLDLGLIRMTEEFREVASQLGYEKHVSLIDISSIPSYDWMRRVTQRKKVSK
KGKACLLFDHLEPIELAEHLTFLEHKSFRRI SFTDYQSYVIHGLENPTLERSIALFNGISKWVQLMVL
SKPTPQQRAEVITKFINVAKLLQLKNFNLM AVVGGLSHSSISRLKETHSHLSSEVTKNWNEMTEL VSS
NGNYCNYRKAFADCDGFKIPILGVHLKDL IAVHVI FPDWTEENKVNIVKMHQLSVTLSELVSLQNASHHL
EPNMDLINLLTSLDLYHTEDDIYKLSL VLEPRNSKSQPTSPTPNKPVVPLEWALGVMPKPDPTVINKH
IRKLVESVFRNYDHDHDGYISQEDFESIAANFPFLDSFCVLDKQDGLISKDEMMA YFLRAKSQLHCKMG
PGFIHNFQEMTYLKPTFCEHCAGFLWGI IKQGYKCKDCGANCHKQCKDLLVLACRRFARAPSLSSGHGSL
PGSPSLPPAQDEVFEFPGVTAGHRDLDSRAITLVTGSSRKISVRLQRATTSQATQTEPVWSEAGWGDSGS
HTFPKMKSKFHDKAAKDKGFAKWENEKPRVHAGVDVDRGTEFELDQDEGEETRQDGEDG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001132960
RefSeq Size:	4798



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RefSeq ORF: 2070

Synonyms: GRP3

Locus ID: 25780

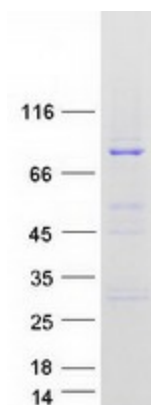
UniProt ID: [Q8IV61](#)

Cytogenetics: 2p22.3

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]).