

Product datasheet for PH319583

IRGQ (NM_001007561) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IRGQ MS Standard C13 and N15-labeled recombinant protein (NP_001007562)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or	RC219583
AA Sequence:	
Predicted MW:	62.5 kDa
Protein Sequence:	>RC219583 representing NM_001007561 Red=Cloning site Green=Tags(s)

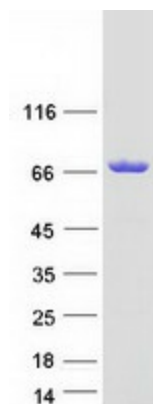
MPPPPQGDVTALFLGPPGLGKSALIAALCDKDVETLEAPEGRPD SGVPSLRAAGPGLFLGELSCPPAAPGP
WAAEANVLVLVLPGEENGEPALPALGEAALAALARGTPLLAVRNLRPGDSQTAAQARDQTAALLNSAGL
GAADLFVL PANCGSSDGCEELERLRAALQSQAELRRLLPPAQDGFVLGAAELEAVREAFETGGLEAAL
SWVRSGLERLGSARLDLAVAGKADVGLVVDMLLGLDPGDPGAAPASVPTAPTFFPAPERPNVVLWTVPLG
HTGTATTAASHPTHYDALILVTPGAPTEKDWAQVQALLLPDAPLVCVRTDGEDPECLGEGKMPK
GESLKNAGGGLENALSKGREKCSAGSQKAGSGEGPGKAGSEGLQQVVGMMKSGGDSERAAALSPEDET
WEVLEEAPPPVFLRPGGLPGLCEWLRRALPPAQAGALLLALPPASPSAARTKAAALRAGAWRPALLASL
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GAWAGEGTAGGAALGALSFLWPAGGAAATGGLGYRAAHGVLLQALDEMRADAEAVLAPPEPAQ

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- ¹³ C6, ¹⁵ N4]-L-Arginine and [U- ¹³ C6, ¹⁵ N2]-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:	<u>NP_001007562</u>
RefSeq Size:	2210
RefSeq ORF:	1869
Synonyms:	FKSG27; IRGQ1
Locus ID:	126298
UniProt ID:	<u>Q8WZA9</u>
Cytogenetics:	19q13.31

Product images:


Coomassie blue staining of purified IRGQ protein (Cat# [TP319583]). The protein was produced from HEK293T cells transfected with IRGQ cDNA clone (Cat# [RC219583]) using MegaTran 2.0 (Cat# [TT210002]).