

Product datasheet for PH323030

TAGAP (NM_152133) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TAGAP MS Standard C13 and N15-labeled recombinant protein (NP_687034)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223030
Predicted MW:	60.5 kDa
Protein Sequence:	>RC223030 representing NM_152133 Red=Cloning site Green=Tags(s)

MGALEMQDEEDRIEALKQVADKLRPNLLLLKHLVYVHLISKNSEVNRMDSSNLAICIGPNMLTLENDQ
SLSFEAQKDLNKKVKTLEFLIDNCFEIFGENIPVHSSITSDDSLEHTDSSDVSTLQNDAYSNDPDVE
SNSSSGISSPSRQPQVPMATAAGLDSAGPQDAREVSPEPIVSTVARLKSSLAQPDRRYSEPSMPSSQECL
ESRVTNQTLTKSEGDFVPRVGSRLSEEAEDPFPEEVFPAVQGKTKRPVDLKIKNLAPGSVLPRALVLK
AFSSSSLDASSDSSPVASPPSKRNFFSRHQSFSTTKTEKGKPSREIKKHSMSFTFAPHKKVLTKNLSAGS
GKSQDFTRDHVPRGVRKESQLAGRIVQENGCETHNQARGFCLRPHALSVDDVVFQGDWERPGSPSYEE
AMQGPAARLVASESQTVGSMTVGSMRARMLEAHCLLPPLPPAHVVEDSRHRGSKEPLPGHGLSPLPERWK
QSRVHASGDSLGHVSGPGRPELLPLRTVSESVQRNKRDCLVRRCSQPVFQADQFYAKESYI

SGPTRRRLEQKLI SEEDLAANDILDYKDDDDKV

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 C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_687034</u>
RefSeq Size:	3196
RefSeq ORF:	1659



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Synonyms: ARHGAP47; FKSG15; IDDM21; TAGAP1

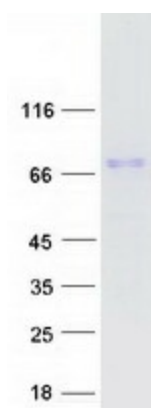
Locus ID: 117289

UniProt ID: [Q8N103](#), [Q8N103-2](#)

Cytogenetics: 6q25.3

Summary: This gene encodes a member of the Rho GTPase-activator protein superfamily. The encoded protein may function as a Rho GTPase-activating protein. Alterations in this gene may be associated with several diseases, including rheumatoid arthritis, celiac disease, and multiple sclerosis. Alternate splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2013]

Product images:



Coomassie blue staining of purified TAGAP protein (Cat# [TP323030]). The protein was produced from HEK293T cells transfected with TAGAP cDNA clone (Cat# [RC223030]) using MegaTran 2.0 (Cat# [TT210002]).