

Product datasheet for PH320640

STARD13 (NM_178006) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STARD13 MS Standard C13 and N15-labeled recombinant protein (NP_821074)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220640
Predicted MW:	124.8 kDa
Protein Sequence:	>RC220640 representing NM_178006 Red=Cloning site Green=Tags(s)

MFSQVPRTPASGCYYLNSMTEPGQEMYLRFDQTTRRSPYRMSRILARHQLVTKIQQEIEAKEACDWLRRAA
GFPQYAQLYEDSQFPINIVAVKNDHDFLEKDLVEPLCRRNLNTLNKCAASKMLDVNFQRKKGDDSDDEEDLCI
SNKWFQRTSRRWSRVDDLTYLLPRGDRNGSPGGTGMRNTTSSSESVLTDLSEPEVCSIHSESSGSDSRS
QPGQCCTDNPVMLDAPLVSSSLPQPPRDVLNHPFHPKNEKPTRARAKSFLKRMETLRGKGAHGRHKGSGR
TGGLVISGPMQLQEPESFKAMQCIQIPNGDLQNSPPPACRKGKPCSGKSSGESSPSEHSSGVSTPCLKE
RKCHEANKRGGMYLEDLDVLAGTALPDAGDQSRMHEFHSQENLVVHIPKDHKPGTFPKALSIESLSPTDS
SNGVNWRTGSISLGREQVPGAREPRLMASCHRASRVSIYDNVPGSHLYASTGDLLDLEKDDLFPHLDDIL
QHVNGLQEVVDDWSKDVLPQLTHDTLVGEPGLSTFPSPNQITLDFEGNSVSEGRTPSDVERDVTSLNE
SEPPGVRDRRDSGVGASLTRPNRRLRWNSFQLSHQPRPAPASPHISSQTASQLSLLQRFLLRLTAIMEK
HSMNKHGWTWSVPKFMKRMKVPDYKDKAVFGVPLIVHVQRTGQPLPQSIQQALRYLRSNCLDQVGLFRK
SGVKSRIHALRQMNFENFENVYEDQSAVDVADMVKQFFRDLPPELFTNKLSETFLHIYQYVSKEQRLQA
VQAAIILLADENREVLQTLLCFLNDVVNLVEENQMPMNLAVCLAPSLFHLNLLKKESSPRVIQKKYATG
KPDQKDLNENLAAAQGLAHMIMECDRLFVPHLVAQSRNSYVEAEIHVPTLEELGTLEESGATFHTYL
NHLIQGLQKEAKEKFKGWVTCSSDNTDLAFKKVGDGNPLKLWASVEVEAPPSVVLNRVLRERHLWDED
FVQWKVETLDRQTEIYQYVLSMAPHSRDFVVLRTWKDLPKGMCTLVSLSVEHEEAQLLGGVRAVVM
DSQYLIEPCGSGKSRLTHICRIDLKGHSPEWYSKGFGLCAAEVARIRNSFQPLIAEGPETKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

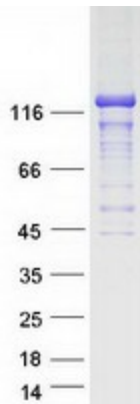
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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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_821074
RefSeq Size:	5886
RefSeq ORF:	3339
Synonyms:	ARHGAP37; DLC2; GT650; LINC00464
Locus ID:	90627
UniProt ID:	Q9Y3M8 , A0A024RDV4
Cytogenetics:	13q13.1-q13.2
Summary:	This gene encodes a protein which contains an N-terminal sterile alpha motif (SAM) for protein-protein interactions, followed by an ATP/GTP-binding motif, a GTPase-activating protein (GAP) domain, and a C-terminal STAR-related lipid transfer (START) domain. It may be involved in regulation of cytoskeletal reorganization, cell proliferation, and cell motility, and acts as a tumor suppressor in hepatoma cells. The gene is located in a region of chromosome 13 that is associated with loss of heterozygosity in hepatocellular carcinomas. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]

Product images:



Coomassie blue staining of purified STARD13 protein (Cat# [TP320640]). The protein was produced from HEK293T cells transfected with STARD13 cDNA clone (Cat# [RC220640]) using MegaTran 2.0 (Cat# [TT210002]).