

Product datasheet for **TP320640M**

STARD13 (NM_178006) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human StAR-related lipid transfer (START) domain containing 13 (STARD13), transcript variant alpha, 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC220640 representing NM_178006
Red=Cloning site **Green**=Tags(s)

MFSQVPRTPASGCYYLNSMTPEGQEMYLRFDQTTRRSPYRMSRILARHQLVTKIQQEIEAKEACDWLRAA
GFPQYAQLYEDSQFPINIVAVKNDHDFLEKDLVEPLCRRLNLTNKCASMKLDVNFQRKKGDDSDDEEDLCI
SNKWTFQRTSRRWSRVDDLTYLLPRGDRNGSPGGTGMRNTTSSSVLTDLSEPEVCSIHSESSGGSDSRS
QPGQCCTDNPVMLDAPLVSSSLPQPPRDVNLNHPFHPKNEKPTRARAKSFLKRMETLRGKGAHGRHKGSGR
TGGLVISGPMLQQEPESFKAMQCIQIPNGDLQNSPPPACRKGLPCSGKSSGESSPSEHSSSGVSTPCLKE
RKCHEANKRGGMYLEDLDVLAGTALPDAGDQSRMHEFHQSQENLVVHIPKDHKPGTFPKALSIESLSPTDS
SNGVNWRTGSISLGREQVPGAREPRLMASCHRASRSVIYDNVPGSHLYASTGDLLDLEKDDLFPHLDDIL
QHVNGLQEVVDDWSKDVLPELQTHDTLVGEPGLSTFFSPNQITLDFEGNSVSEGRTPSDVERDVTSLNE
SEPPGVRDRRDSGVGASLTRPNRRLRWNSFQLSHQPRPAPASPHISSQTASQLSLLQRFSLRLTAIMEK
HSMSNKHGWTWSVPKFMKRMKVPDYKDKAVFGVPLIVHVQRTGQPLPQSIQQALRYLRSNCLDQVGLFRK
SGVKSRIHALRQMNENFPENVNYEDQSAYDVADMVKQFFRDLPEPLFTNKLSETFLHIYQVYSKEQRLQA
VQAAILLADENREVLQTLCLFLNDVNLVEENQMTPMNLAVCLAPSLFHLNLLKKESSPRVIQKKYATG
KPDQKDLNENLAAAQGLAHMIMECDRLFVPHLVAQSRNSYVEAEIHVPTLEELGTQLEESGATFHTYL
NHLIQGLQKEAKEKFKGWVTCSSDNTDLAFKKVGDGNPLKLWKASVEVEAPPSVVLNRLRERHLWDED
FVQWKVETLDRQTEIYQYVLSMAPHPSRDFVLRWKTDLPKGMCTLVLSLVEHEEAQLLGGVRAVVM
DSQYLIEPCGSGKSRLTHICRIDLKGHSPEWYKGFHGLCAAEEVARIRNSFQPLIAEGPETKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

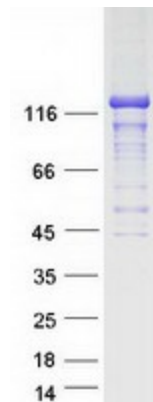
Tag: C-Myc/DDK
Predicted MW: 124.8 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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.
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_821074
Locus ID:	90627
UniProt ID:	Q9Y3M8 , A0A024RDV4
RefSeq Size:	5886
Cytogenetics:	13q13.1-q13.2
RefSeq ORF:	3339
Synonyms:	ARHGAP37; DLC2; GT650; LINC00464
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]).