

## Product datasheet for TP320640

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220640 representing NM_178006 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MFSQVPRTPASGCYYLNSMTPEGQEMYLRFDQTTRRSPYRMSRILARHQLVTKIQQEIEAKEACDWLRRAA  
GFPQYAQLYEDSQFPINIVAVKNDHDFLEKDLVEPLCRRLNLTNKCASMKLDVNFQRKKGDDSDDEEDLCI  
SNKWTFQRTSRRWSRVDDLTYLLPRGDRNGSPGGTGMRNTTSSSVLTDLSEPEVCSIHSESSGGSDRSR  
QPGQCCTDNPVMLDAPLVSSSLPQPPRDVNLNHPFHPKNEKPTRARAKSFLKRMETLRGKGAHGRHKGSGR  
TGGLVISGPMLQQEPESFKAMQCIQIPNGDLQNSPPACRKGLPCSGKSSGESSPSEHSSSGVSTPCLKE  
RKCHEANKRGGMYLEDLDVLAGTALPDAGDQSRMHEFHQSQENLVVHIPKDHKPGTFPKALSIESLSPTDS  
SNGVNWRTGSISLGREQVPGAREPRLMASCHRASRSVIYDNVPGSHLYASTGDLLDLEKDDLFPHLDDIL  
QHVNGLQEVVDDWSKDVLPELQTHDTLVGEPGLSTFFSPNQITLDFEGNSVSEGRTPSDVERDVTSLNE  
SEPPGVRDRRDSGASLTRPNRRLRWNSFQLSHQPRPAPASPHISSQTASQLSLLQRFSLRLTAIMEK  
HSMSNKHGWTWSVPKFMKRMKVPDYKDKAVFGVPLIVHVQRTGQPLPQSIQQALRYLRSNCLDQVGLFRK  
SGVKSRIHALRQMNENFPENVNYEDQSAYDVADMVKQFFRDLPEPLFTNKLSETFLHIYQVYSKEQRLQA  
VQAAILLADENREVLQTLCCFLNDVWNLVEENQMTPMNLAVCLAPSLFHLNLLKKESSPRVIQKKYATG  
KPDQKDLNENLAAAQGLAHMIMECDRLFVPHLVAQSRNSYVEAEIHVPTLEELGTQLEESGATFHTYL  
NHLIQGLQKEAKEKFKGWVTCSSDNTDLAFKKVGDGNPLKLWKASVEVEAPPSVVLNRLRERHLWDED  
FVQWKVETLDRQTEIYQYVLSMAPHPSRDFVLRWKTDLPKGMCTLVLSLVEHEEAQLLGGVRAVVM  
DSQYLIEPCGSGKSRLTHICRIDLKGHSPEWYKGFHGLCAAEEVARIRNSFQPLIAEGPETKI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

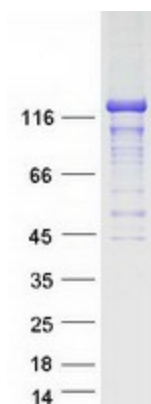
Tag:	C-Myc/DDK
Predicted MW:	124.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_821074</a>
<b>Locus ID:</b>	90627
<b>UniProt ID:</b>	<a href="#">Q9Y3M8</a> , <a href="#">A0A024RDV4</a>
<b>RefSeq Size:</b>	5886
<b>Cytogenetics:</b>	13q13.1-q13.2
<b>RefSeq ORF:</b>	3339
<b>Synonyms:</b>	ARHGAP37; DLC2; GT650; LINC00464
<b>Summary:</b>	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]).