

Recombinant Human STARD13 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STARD13-1979H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STARD13 MS Standard C13 and N15-labeled recombinant protein (NP_821074) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	124.8 kDa
AA Sequence	MFSQVPRTPASGCYYLNSMTPEGQEMYLRFDQTTRRSPYRMSRILARHQLVTKIQQ EIEAKEACDWLRAAGFPQYAQLYEDSQFPINIVAVKNDHDFLEKDLVEPLCRRLNTL NKCASMKLDVNFQRKKGDDSDDEEDLCISNKWTFQRTSRRWSRVDDLYTLLPRGDR NGSPGGTGMRNTTSSSVLTDLSEPEVCSIHSESSGGSDSRSPGQCCTDNPVML DAPLVSSSLPQPPRDVLNHPFHPKNEKPTRARAKSFLKRMETLRGKGAHGRHKGS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GRTGGLVISGPMLQQEPESFKAMQCIQIPNGDLQNSPPPACRKGLPCSGKSSGESS
PSEHSSSGVSTPCLKERKCHEANKRGGMYLEDLDVLAGTALPDAGDQSRMHEFH
QENLVVHIPKDHKPGTFPKALSIESLSPTDSSNGVNWRTGSIISLGREQVPGAREPRL
MASCHRASRVSIYDNVPGSHLYASTGDLDDLEKDDLPHLDDILQHVNGLQEVD
WSKDVLPELQTHDTLVGEPGLSTFPSPNQITLDFEGNSVSEGRTPSDVERDVTSLN
ESEPPGVRDRRDSGVGASLTRPNRRLRWNSFQLSHQPRPAPASPHISSQTASQLS
LLQRFSLRLTAIMEKHSMSNKHGWTWSVPKFMKRMKVPDYKDKAVFGVPLIVHVQ
RTGQPLPQSIQQALRYLRSNCLDQVGLFRKSGVKSRIHALRQMNFENVNYEDQ
SAYDVADMVKQFFRDLPEPLFTNKLSETFLHIYQYVSKEQRLQAVQAAILLADENRE
VLQTLLCFLNDVNLVEENQMTPMNLAVCLAPSLFHLNLLKKESSPRVIQKKYATGK
PDQKDLNENLAAAQGLAHMIMECDRLFVPHELVAQSRNSYVEAEIHVPTLEELGTQ
LEESGATFHTYLNHLIQGLQKEAKEKFKGWVTCSSDNTDLAFKKVGDGNPLKLWK
ASVEVEAPPSVVLNRVLRERHLWDEDFVQWKVVETLDRQTEIYQYVLNSMAPHPSR
DFVVLRTWKTDLPKGMCTLVSLSVEHEEAQLLGGVRAVVMDSQYLIEPCGSGKSRL
THICRIDLKGHSPEWYSKGFHGLCAAEEVARIRNSFQPLIAEGPETKITRTRPLEQKLIS
EEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	STARD13 StAR related lipid transfer domain containing 13 [Homo sapiens (human)]
Official Symbol	STARD13
Synonyms	STARD13; StAR related lipid transfer domain containing 13; DLC2; GT650; ARHGAP37; LINC00464; stAR-related lipid transfer protein 13; Rho GTPase activating protein on chromosome 13q12; StAR-related lipid transfer (START) domain containing 13; deleted in liver cancer 2 protein; long intergenic non-protein coding RNA 464
Gene ID	90627
mRNA Refseq	NM_178006
Protein Refseq	NP_821074
MIM	609866
UniProt ID	Q9Y3M8
SDS-PAGE	