

Product datasheet for TP322092

C9orf114 (SPOUT1) (NM_016390) Human Recombinant Protein

Product data:

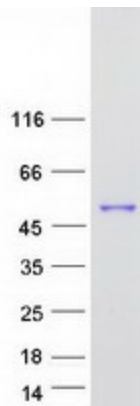
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 9 open reading frame 114 (C9orf114), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222092 protein sequence Red =Cloning site Green =Tags(s)
	MAERGRKRPCGPGEHGQRIEWRKWKQKKKEKKKWKDLKLMKKLERQRAQEEQAKRLEEEEEAAEKEDRG RPYTL SVALPGSILDNAQSP ELRTYLAGQIARACAIFCVDEIVWFDEEGQDAKTVEGEFRGVGKKGQACV QLARILQYLECPQYL RKAFFPKHQDLQFAGLLNPLDSPHHMRQDEESEFREGIVDRPTRPGHGSFVNCG MKKEVKIDKNLEPGLRVTVRLNQQQHPDCKTYHGKVVSSQDPRTKAGLYWG YTVRLASCLSAVFAEAPFQ DGYDLTIGT SERGSDVASAQLPNFRHALVVFGLQGLEAGADADPNLEVAEPSVLF DLYVNTCPGQGSRT IRTEEAILISLAALQPGLIQAGARHT
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	41.8 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
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_057474
Locus ID:	51490



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UniProt ID:	Q5T280
RefSeq Size:	4302
Cytogenetics:	9q34.11
RefSeq ORF:	1128
Synonyms:	C9orf114; CENP-32; CENP32; HSPC109
Summary:	Required for association of the centrosomes with the poles of the bipolar mitotic spindle during metaphase (PubMed:20813266, PubMed:25657325). Also involved in chromosome alignment (PubMed:20813266). May promote centrosome maturation probably by recruiting A-kinase anchor protein AKAP9 to centrosomes in early mitosis (PubMed:25657325). Binds specifically to miRNA MIR145 hairpin, regulates MIR145 expression at a postranscriptional level (PubMed:28431233).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified SPOUT1 protein (Cat# TP322092). The protein was produced from HEK293T cells transfected with SPOUT1 cDNA clone (Cat# [RC222092]) using MegaTran 2.0 (Cat# [TT210002]).