

Product datasheet for TP524002

Sacm1l (NM_030692) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SAC1 suppressor of actin mutations 1-like (yeast) (Sacm1l), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224002 representing NM_030692 Red =Cloning site Green =Tags(s)

MAAAAYEHLKLHITPEKFYVEACDDGADDVLIIDRVSTEVTLAVKKDVPPSAVTRPIFGILGTIHLVAGN
YLVVITKKMKVGEFCFNHAVWRATDFDVLSYKKTMLHLTDIQLQDNKTFAMLNHNHVSMDGFYFSTTYDLT
HTLQRLSNTSPEFQEMSLLERADQRFVWNGHLLRELSAQPEVHRFALPVLHGFITMHSCSINGKYFDWIL
ISRRSCFRAGVRYVVRGIDSEGHAAANFVETEIQIVHYSGNRASVQTRGSIPIFWSQRPNLKYKPHPQISK
VANHMDGFQRHFDSQVIYGGKQVIINLVNHKGSEKPLEQTFANMVSSLGSGMIRYIAFDHFHKECKNMRWD
RLSILLDQVAEMQDELSYFLVDSAGKVVTNQDGVFRSNCMDCLDRTNVIQSLARRSLQAQLQRLGVLHV
GQKLEEQDEFEKTYKNAWADNANACAKQYAGTGALKTDFTRTGKRTQLGLLMDGFNSLLRYKNNFSDGF
RQDSIDLFLGNYSVDELESHSPLSVPRDWKFLALPIIMVAFSMCIICLLMAGDTWTETLAYVLFWGVAS
IGTFFIILYNGKDFVDAPRLVQKEKID

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	67.4 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



[View online »](#)

RefSeq: [NP_109617](#)

Locus ID: 83493

UniProt ID: [Q9EP69](#)

RefSeq Size: 3433

Cytogenetics: 9 74.08 cM

RefSeq ORF: 1761

Synonyms: mKIAA0851; SA; SAC1; Sac1p

Summary: This gene encodes an integral membrane protein, which is localized to the endoplasmic reticulum, and functions as a phosphoinositide phosphatase that hydrolyzes phosphatidylinositol 3-phosphate, phosphatidylinositol 4-phosphate, and phosphatidylinositol 3,5-bisphosphate. Deletion of this gene in mouse results in preimplantation lethality. Other studies suggest that this gene is also involved in the organization of golgi membranes and mitotic spindles. Two isoforms are predicted to be produced from the same mRNA by the use of alternative in-frame translation termination codons via a stop codon readthrough mechanism. [provided by RefSeq, Dec 2017]