

Product datasheet for TP511888

Sympk (BC049852) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse symplekin (cDNA clone MGC:54793 IMAGE:4163760), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211888 representing BC049852 Red=Cloning site Green=Tags(s)

MASSSGDSVTRRSVASQFFTQEEGPSIDGMTTSERVVDLLNQAALITNDSKITVLKQVQELIINKDPTLL
DNFLDEIIAFQADKSIEVRKVFVIGFIEEACKRDIELLLKLIANLNMLLRDENNVVKKAILTMTQLYKVA
LQWMVKSRVISDLQEACWDMVSSMAGEIILLLDSDNDGIRTHAIKFVEGLIVTLSPRMADSEVPRRQEH
ISLDRIPRDHPYIQYNVLWEEGKAAVEQLLKFMVHPAISSINLTALGSLANIARQRPMFMSEVIQAYET
LHANLPPTLAKSQVSSVRKNLKLHLLSVLKHPASLEFQAQITTLVLDLGPQAEIARNMPSSKDSRKRPR
DDTDSLTKMKLEPNLGEDDEDKLEPGPSGTSKASAQISGQSDTDITAEFLQPLLPDNDVANLVLSIMV
YLPETMPASFQAIYTPVESAGTEAQIKHLARLMATQMTAAGLPGVEQTKQCKEPEKKEKVKPESVLIK
RRLSVQGGQAISVVGSSQSTMSPLEEEVPAKRRPEPIIPVTQPRLAGAGGRKKIFRLSDVLKPLTDAQVEA
MKLGAVKRILRAEKAVACSGAAQVRIKILASLVTQFDSGFKAEVLSFILEDVRARLDLAFAWLYQEYNAY
LAAGTSGTLDKYEDCLICLLSGLQEKPDKGIFTKVVLEAPLITESALEVIRKYCEDESRAYLGMSTLG
DLIFKRPSRQFQYLHVLLDLSSHEKDRVRSQALLFIKRMYEKEQLREYVEKFALNYLQLLVHPNPPSVLF
GADKDTEVAAPWTEETVKQCLYLYLALLPQNHKLIHELAAVYTEAIADIKRTVLRVIEQPIRGMGMNSPE
LLLLVENCCKGAETLVTRCLHSLTDKVPSPPELVKRVLDYHKRLPDVRFILPVLNGLKKEVIQALPKL
IKLNPIVVKVFNRLGTQHGEENSALSPLNPGELLIALHNIDSVKCDMKSIKATNLCFAERNVYTSEV
LAVVMQQLMEQSPLPMLLMRTVIQSLTMYPRLLGGFVMNILARLIMKQVWKYPKVVWEGFIKCCQRTKQPSF
QVILQLPPQQLGAVFDKCPREPLLAHVRSFTPHQQAHIPNSIMTILEATGKQPEVKEAPSGPLEEDD
LEPLALALAPAPAPAPAPAPAPRPPQDLIGLRLAQEKALKRQLEEEQKQKPTGIGAPAACVSSTPSVPA
ARAGPTPAEEVMEYREEGPECETPAIFISMDDDSGLAETLLDSSLEGPLPKEAAAVGSSSKDERSPQNL
SHAVEEALKTSSPETREPEKSGNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	149.3 kDa



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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.
Locus ID:	68188
UniProt ID:	Q80X82
RefSeq Size:	4071
Cytogenetics:	7 A3
RefSeq ORF:	3852
Synonyms:	SPK, SYM
Summary:	Scaffold protein that functions as a component of a multimolecular complex involved in histone mRNA 3'-end processing. Specific component of the tight junction (TJ) plaque, but might not be an exclusively junctional component. May have a house-keeping rule. Is involved in pre-mRNA polyadenylation. Enhances SSU72 phosphatase activity (By similarity). [UniProtKB/Swiss-Prot Function]