

## Product datasheet for TP506755

### Skp2 (NM\_013787) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse S-phase kinase-associated protein 2 (p45) (Skp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206755 representing NM_013787 Red=Cloning site Green=Tags(s)

MHRKHLQEIPDQSGNVTTSTFTWGWDSSTSELLSGMGVSALEKEEVDSENIPHGLLSNLGHPQSPPRKRV  
KGKGSDDKDFVIIRPKLSRENFPGVSWDSLPEDELLGIFSCCLPELLRVSGVCKRWYRLSLDESLWQSL  
DLAGKNLHPDVTVRLLSRGVVAFRCPRSFMEQPLGESFSSFRVQHMDLSNSVINVSNLHKILSECSKLQN  
LSLEGLQLSDPIVKTLAQENLVRLNLCGCSGFSESAVATLLSSCSRLDELNLSWCFDFTEKHVQAAVAH  
LPNTITQLNLSGYRKNLQKTDLCTIIKRCPNLIRLDLSDSIMLKNDCFPPEFFQLNYLQHLSLSRCYDIIP  
DTLLELGEIPTLKTQVFGIVPEGTQLLREALPRLQINCAYFTTIARPTMDSKKNLEIWGIKCRLLTQK  
PSCL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	48.2 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.
RefSeq:	<u><a href="#">NP_038815</a></u>
Locus ID:	27401



[View online »](#)

UniProt ID: [Q9Z0Z3](#), [Q569Z9](#)

RefSeq Size: 3204

Cytogenetics: 15 A1

RefSeq ORF: 1272

Synonyms: 4930500A04Rik; FBXL1; FWD1; p45

**Summary:** Substrate recognition component of the SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription. The SCF complex provides substrate specificity and interacts with both, the E2 ubiquitin-conjugating enzyme and the substrate. Specifically recognizes phosphorylated CDKN1B/p27kip and is involved in regulation of G1/S transition. Degradation of CDKN1B/p27kip also requires CKS1. Promotes ubiquitination and destruction of CDH1 in a CK1-Dependent Manner, thereby regulating cell migration (By similarity).[UniProtKB/Swiss-Prot Function]