

Product datasheet for TP510325

Smurf1 (NM_029438) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse SMAD specific E3 ubiquitin protein ligase 1 (Smurf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR210325 representing NM_029438
Red=Cloning site **Green**=Tags(s)

MSNPGTRRNGSSIKIRLTVLCAKNLAKKDFRLLPDPFAKIVVDGSGQCHSTDTVKNTLDPKWNQHYDLV
GKTDSITISVWNHKKIHKKQGAGFLGCVRLLSNAISRLKDTGYQLDLCKLNPSDTDAVRGQIVVSLQTR
DRIGGGGSVDCRGLLENEGTVYEDSGPGRPLSCLMEEPAPYTDGTGAAAGGGNCRFVESPSQDQRLLVQ
RLRNPEVRGPLQTPQNRPHGHQSPPEGYEQRTTVQGQVYFLHTQTGVSTWHDPRIPRDLNSVNCDELG
PLPPGWEVRSTVSGRIYFVDHNNRRTTQFTDPRLHHIMNHQCQLKEPSQPLQLPSEGSVEDEELPAQRYER
DLVQKLVLRHELSQLQPPQAGHCRIEVSREEIFEESYRQIMKMRPKDLKKRLMVKFRGEEGLDYGGVARE
WYLLCHEMLNPYYGLFQYSTDNITYLQINPDSSINPDHLSYFHFVGRIMGLAVFHGHYINGGFTVPFYK
QLLGKPIQLSDLESVDPELHKSLSVWILENDITPVL DHTFCVEHNAFGRILQHELKPNGRNVPVTEENKKE
YVRLYVNWRFMRGIEAQFLALQKGFNELIPQHLLKPFQKELELIIGGLDKIDLNDWKSNTLKHCVADS
NIVRWFVQAVETFDEERRARLLQFVTGSTRVPLQGFKALQGAAGPRLFTIHLIDANTDNLPKAHTCFNRI
DIPPYESYEKLYEKLITAVEETCGFAVE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 83.6 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.



[View online »](#)

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_083714
Locus ID:	75788
UniProt ID:	Q9CUN6 , E9Q4K9
RefSeq Size:	5324
Cytogenetics:	5 G2
RefSeq ORF:	2184
Synonyms:	4930431E10Rik; mKIAA1625
Summary:	E3 ubiquitin-protein ligase that acts as a negative regulator of BMP signaling pathway (By similarity). Mediates ubiquitination and degradation of SMAD1 and SMAD5, 2 receptor-regulated SMADs specific for the BMP pathway (By similarity). Promotes ubiquitination and subsequent proteasomal degradation of TRAF family members and RHOA (By similarity). Promotes ubiquitination and subsequent proteasomal degradation of MAVS (PubMed:23087404). Plays a role in dendrite formation by melanocytes (By similarity). [UniProtKB/Swiss-Prot Function]