

Product datasheet for **TP524303**

Pros1 (NM_011173) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein S (alpha) (Pros1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR224303 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MRVLSARFRVLLACLALVIPVSETNFLSKERASQVLVRKRRANTLFEETMKGNLERECIEELCNKEEARE
VFENNPETDYFYPKYLGLGAFRVGSFHAARQSANAYPDLRSCVKAISDQCDPIPNCEDGYLACQDQGAA
FTCFCKPGWQGDRCQYDVNECKDPSNVNGGCSQICDNTPGSYHCCKRGFAMPLPNKKDCKDLDECALKPS
VCGTAVCKNIPGDFECECPDGYRYDPSSKCKDVDECSNMCAQLCVNFPGGYSCYCDGKKGFKLAQDQK
SCEGIPVCLSLDLKDYELLYLAEQFAGVLYLKFRLPDITRFAEFDFRTYDSEGIILYAESLDHSNWL
LIALRDGKIEVQFKNEFSTQITGGNVINNGIWNMVSVEELDDSVSIKIAKEAVMNINKLGSFLKPTDGF
LDTKIYFAGLPRKVESALIKPINPRLDGCI RGWNLMKQ GALGAKEIIEGKQNKHCFLNVEKGSYYPGSGI
AQFSIDYNNVTNAEGWQMNVTLNIRPSTGTGVM LALVSGGTVPFALSLVDSRSGTSQDIVV FVENSVAR
LEAVSLCSDQQSQLKCNVNRNGLELWTPLRKDVYISKDLQRQLAVLDKAMKRTVATYLG GIPDISFSATP
VNAFYSGCMEVNINGVQLDLDEAISKHKDIRAHSCPSVRKIQKNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	74.9 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.



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RefSeq: [NP_035303](#)

Locus ID: 19128

UniProt ID: [Q08761](#), [Q3TR66](#)

RefSeq Size: 3270

Cytogenetics: 16 C1.3

RefSeq ORF: 2028

Synonyms: AW214361

Summary: This gene encodes a vitamin K-dependent protein with key roles in multiple biological processes including coagulation, apoptosis and vasculogenesis. The encoded protein undergoes proteolytic processing to generate a mature protein which is secreted into the plasma. Mice lacking the encoded protein die in utero from a fulminant coagulopathy and associated hemorrhages. [provided by RefSeq, Oct 2015]