

Product datasheet for TP509529

F11 (NM_028066) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse coagulation factor XI (F11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209529 protein sequence Red=Cloning site Green=Tags(s)

MTSLHQVLYFIFFASVSSECVTKVFKDISFQGGDLSTVFTPSATYCRLVCTHHPRCLLFTFMAESSDDP
TKWFACILKDSVTEILPMVNMTGAISGYFSKQCPQQLSTCSKDVVNLDMKGMNYNSSVVKNAECQERC
TDDAHCQFFTYATGYFPSVDHRKMCLLKYTRTGPTTITKLNQVSGFSLKSCGLSNLACIRDIFPNTVL
ADLNIDSWAPDAFVCRRICTHHPTCLFFTFSSQAWPKESQRHLCLLKTSESGLPSTRITKSHALSGFSL
QHCRHSVPVFCHPSFYNDTDFLGEELDIVDVKGQETCQKCTNARCQFFTYPSHRLCNERNRRGRCYL
KLSSNGSPTRILHGRGGISGYSLRLCKMDNVCTTKINPRVGGGAASVHGEWPWQVTLHISQGHLCGGSI
GNQWILTAHCFSGIETPKLRVYGGIVNQSEINEGTAFFRVQEMIHDQYTTAESGYDIALLKLESAMN
YTDFQRPICLPSKGDNRNAVHTECWVTGWGYTALRGEVQSTLQKAKVPLVSNEECQTRYRRHKITNKMICA
GYKEGGKDTCKGDSGGPLSCKYNGVWHLVGTISWGEGCGQKERPGVYTNVAKYVDWILEKTQTV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	69.8 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.

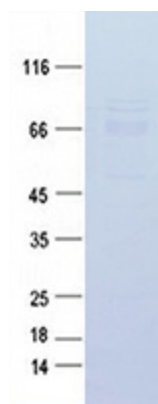


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RefSeq:	NP_082342
Locus ID:	109821
UniProt ID:	Q91Y47
RefSeq Size:	2246
Cytogenetics:	8 25.14 cM
RefSeq ORF:	1875
Synonyms:	1600027G01Rik; AI503996; Cf11; FX; FXI; PTA

Summary: This gene encodes a glycoprotein coagulation factor that plays an important role in intrinsic pathway of blood coagulation and hemostasis. The encoded protein is an inactive zymogen that can be activated by coagulation factor XIIa, thrombin or factor XIa to generate active factor XIa protease. Mice lacking the encoded protein display a survival advantage during peritoneal sepsis and resist inflammation and bacterial accumulation upon infection with *Listeria*. [provided by RefSeq, Apr 2015]

Product images:



Purified recombinant protein F11 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.