

Product datasheet for **TP510693**

Furin (NM_001081454) Mouse Recombinant Protein

Product data:

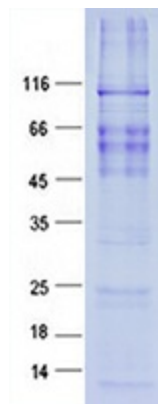
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse furin (paired basic amino acid cleaving enzyme) (Furin), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210693 representing NM_001081454 Red =Cloning site Green =Tags(s)
	MELRSWLLWVVAAGAWLLAADAQGQKIFTNTWAVHIPGGPAVADRVAQKHGFHNLGQIFGDYYHFWHR AVTKRSLSPHRPRHSRLQREPQVKWLEQQVAKRRAKRDVYQEPTDPKFPQQWYLSGVTQRDLNVKEAWAQ GFTGHGIVVSILDDGIEKNHPDLAGNYDPGASFVNDQDPDPQPRYTQMNDNRHGTRCAGEVAAVANNNGV CGVGVAYNARIGGVRMLDGEVTDAVEARSLGLNPNHIHIYSASWGPEDDGKTVDGPARLAEAEFFRGVSQ GRGGLGSIFWASGNGGREHDSCNCDGYTNSIYTLSSSATQFGNVPWYSEACSSLATTYSSGNQNEKQ IVTTDLRQKCTESHTGTSASAPLAAGIALTLEANKNLTWRDMQHLVVQTSKPAHLNADDWATNGVGRKV SHSYGYGLLDAGAMVALAQNWTTVAPQRKCEILVEPKDIGKRLEVRKAVTACLGEPNHITRLEHVQAR LTLSYNRRGDLAIHLISPMGTRSTLLAARPHDYSADGFNDWAFMTTHSWDEDPAGEWVLEIENTSEANNY GTLTKFTLVLYGTAPEGLSTPPESSGCKLTSSQACVCEEYSLHQKSCVQHCPPGFIPQVLDTHYSTE NDVEIIRASVCTPCHASCATCQGPAPTDCLSCPSHASLDPVEQTCSRQSQSSRESRPQQPPALRPEVEM EPRLQAGLASHLPEVLAGLSCLIIVLIFGIVFLHRCSGFSFRGVKQVYTMDRGLISYKGLPPEAWQECC PSDSEEDEGRGERTAFIKDQSAL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	87.2 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.



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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>NP_001074923</u>
Locus ID:	18550
UniProt ID:	<u>P23188</u>
RefSeq Size:	4166
Cytogenetics:	7 45.65 cM
RefSeq ORF:	2379
Synonyms:	9130404I01Rik; Fu; Fur; PA; PACE; Pcs; Pcsk3; SP; SPC1
Summary:	This gene encodes a calcium-dependent serine endoprotease that proteolytically activates different proprotein substrates traversing the secretory pathway. The encoded protein undergoes proteolytic autoactivation during which an N-terminal propeptide is cleaved to generate the mature protein. Mice lacking the encoded protein die at an embryonic stage and display hemodynamic insufficiency, cardiac ventral closure defect, axial rotation defect and abnormal yolk sac vasculature. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

Product images:



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