

Product datasheet for **TP510517**

Fap (NM_007986) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse fibroblast activation protein (Fap), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210517 protein sequence Red=Cloning site Green=Tags(s)

MKTWLKTVFGVTTLAALALWICIVLRPSRVYKPEGNTKRALTLKDILNGTFSYKTYFPNWISEQEYLHQ
SEDDNIVFYNIETRESYIILSNSTMKSVNATDYGLSPDRQFVYLESDYSKLWRYSYTATYYIYDLQNGEF
VRGYELPRPIQYLCWSPVGSKLAYVYQNNIYKQRPGDPPFQITYTGRENRIENGIPDWVYEEEMLATKY
ALWWSPDGKFLAYVEFNDSIDIPIIAYSYYGDGQYPR TINIPYPKAGAKNPVVRVFIVDTTYPHHVGPMEV
PVP EMIASSDYF SWL TWSSERVCLQWLKRVQNVSVLSICDFREDWHAW ECPKNQEHVEESRTGWAGGF
FVSTPAFSQDATSYKIFSDKDG YKHIHYIKDTVENAIQITSGKWEAIYFRVTQDSL FYSNFEFEGYPG
RRNIYRISIGNSPPSKKCVTCHLRKERCQY YTASFYKAKYALVCYGPGLPISTLHDGRTDQEIQVLEE
NKELENSLRNIQLPKVEIKKLDGGLTFWYKMILPPQFDRSKKYPLLIQVYGGPCSQS VSVFAVNWITY
LASKEGIVALVDGRGTAFQGDKFLHAVYRKLGVYEVEDQLTAVRKFIE MGFIDEERIAIWGWSYGGYVS
SLALASGTGLFKCGIAVAPVSSWEY YASIYSERFMGLPTKDDNLEHYKNSTVMARAEYFRNV DYLIIHGT
ADDNVHFQNSAQIAKALVNAQVDFQAMWYSDQNHGILSGRSQNHLYTHMTHFLKQCFSLS D

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	88 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:	NP_032012
Locus ID:	14089
UniProt ID:	P97321
RefSeq Size:	2704
Cytogenetics:	2 35.85 cM
RefSeq ORF:	2286
Synonyms:	SIMP
Summary:	This gene belongs to the serine protease family. The encoded protein is an inducible cell-surface bound glycoprotein specifically expressed in tumor-associated fibroblasts and pericytes of epithelial tumors and has protease and gelatinase activity. The protein plays a role in remodeling of the extracellular matrix (ECM) and may affect tumorigenesis and tissue repair. Alternately spliced transcript variants of this gene are described in the literature (PMID 9139873), but the full-length sequence of these variants is not available. [provided by RefSeq, Apr 2013]