

Product datasheet for TP510414

Faap100 (NM_027980) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Fanconi anemia core complex associated protein 100 (Faap100), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210414 representing NM_027980 Red=Cloning site Green=Tags(s)

MAGASSRVHYLSDFCCPLGGRAAGKPFVLRHEAEVFLSTGREFVYVYDQEGGLLTAVYQFPDQVWHLQLL
AIRRALYVLCARTGIYCLSLDSLDRSGSQACEDKEEAAPPYPVIHVDPDACVLPDAALCAFTVLDDMLVT
LAQGPTQWKMQLFERPCAGEEPLPRGQIGEVELSTCTPPGGVPEKPAAPRFLPVLCVFPDPSRAPHGHP
QGCGCFTLEEALFGLLFGVDATLLQSPVILCGLPDGQLCCVWLKALVTSGLAPGDPKVLVKILHHLEEPV
IFIGALRAEPHEEEAAGELLPGQHEHSDCLVALGHQGRTLAIKASWSESGNLVPELREYCLPGPVLCAAC
DRDGHVYHSTPSDLCVVDLRRDSPWNPEKPDGAIGGLPSVLCPASLNICALALCVTARAPTGSTELLA
LSSKGRITCSLDLNSEAPVPAKMAMANAGQKIKELLLDIGDVSERVSFLKKAVDQRNKAITSLNEAMNV
SCALLSHPEGDRPIACTITTSWSRLELRDMLMATCTLENSSSFSLDQGWTLCIQVLTSSSALDLDGTGSA
FTYTIPVDRLGPGSRREVTLPVLPSESGVLDLPVTMSCWLFYSLREVGAALAPSDPLEAPYLEQFPLSL
PKQEGVCLPLCKRTVDMLQCLRFAGAATHPAQAPCMGPSPACEPVETFLKTCQAPGSEPTGAASLRAKYLP
PSTASIRVSAGLLRAALEDSHSGFHLCSATLRWLLAENAAVDVVRAQTLSSIQGIAPDGDVNLTVHEVA
VTDLSPAGPIQAVEIQVESSLANMCRAHHAIIRRIQTMVTEQAALGSSPPDLRMQYLQQIHANHQELLR
EVQALRDQLCTEDELSSCSTAQKLLHIYKQLRNPSLVLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	94.3 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.



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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.
RefSeq:	<u>NP_082256</u>
Locus ID:	71885
UniProt ID:	<u>A2ACJ2</u>
RefSeq Size:	3175
Cytogenetics:	11 E2
RefSeq ORF:	2637
Synonyms:	2310003H01Rik
Summary:	Plays a role in Fanconi anemia-associated DNA damage response network. Regulates FANCD2 monoubiquitination and the stability of the FA core complex. Induces chromosomal instability as well as hypersensitivity to DNA cross-linking agents, when repressed (By similarity). [UniProtKB/Swiss-Prot Function]