

Product datasheet for TP512907

Fam172a (NM_138312) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse family with sequence similarity 172, member A (Fam172a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR212907 representing NM_138312 Red=Cloning site Green=Tags(s)

MSISLSSLIFLPIWINMAQMQQGGSNETEQTAALKDLLSRIDLDELMMKKDEPPDFPDTLEGFEYAFNEK
GQLRHIKTGEPFVFNREDLHRWNQKRYEALGEITRYVYELLESDCNLKKISIPVDATESEPKSFIMS
EDALNTPQKLMVLIHGSGVVRAGQWARRLIINEDLDSGTQIPFIKRAMDEGYGVIVLNPENYIEVEKQK
MHKQSSSSDGTDEPAGKRERRDKVSKETKRRDFYEKYRNPQKEKEMMQLFIRENGSPEEHAVYVWDHFI
AQAAAENVFFVAHSYGGLAFVELMIQREADVKSKVTAVALTDSVHNVWHQEAGKTIREWMRECCNWWSS
SEPLDTSVESMLPDCPRVSAGTDRHELTSWKSFFSIFKFFAEASEAKSSSQKPALTRRSRHIKHEEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	48.1 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.
RefSeq:	NP_612185
Locus ID:	68675
UniProt ID:	Q3TNH5



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RefSeq Size: 4036

Cytogenetics: 13 C1

RefSeq ORF: 1251

Synonyms: 53-E6; 1110033M05Rik; 2610318O14Rik; 9430037D06Rik; AF064782; pEN87

Summary: Plays a role in the regulation of alternative splicing, by interacting with AGO2 and CHD7. Seems to be required for stabilizing protein-protein interactions at the chromatin-spliceosome interface (PubMed:29311329). May have hydrolase activity (PubMed:29311329). [UniProtKB/Swiss-Prot Function]