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Product datasheet for TP520642

Amn (NM_033603) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse amnionless (Amn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220642 representing NM_033603 Red=Cloning site Green=Tags(s) MGALGRVLLWLQLCAMTRAAYKLWVPNTSFDTASNWNQNRTPCAGDAVQFPADKMVSVLVRDSHAISDML LPLDGELVLASGAALSAAGGDSDPACNPGAPLLFRNPDRFSWLDPHLWSSGTQAPGLFSVDAERVPCSYD DVLFPRDGSFRVALGPGPNPVHVRSVSAVGQTFSRDEDLTAFLASREGRLRFHGSGALRVGSQACTDASG CVCGNAEMLPWICASLLQPLGGRCPQAACQDPLLPQGQCCDLCGAIVSLTHDPTFDLERYRARLLDLFLK QPQYQGLQVAVSKVLRDAHTEIQVVLVETEHATGAAGQLGHALLQDAVAQGSVLGIVSATLRQSGKPMTA DSELNQSSSGAGLAGGVAALVLLALLGTVLLLLHRSGRLRWRRHEDAEPVSAGLPLGFRNPIFDAIVFKQ QPSVELPDSAQKVDILDIDTKFGCFVNPLFAGEAEAEA SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	49.1 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_291081
Locus ID:	93835

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UniProt ID:	Q99JB7
RefSeq Size:	1685
Cytogenetics:	12 60.94 cM
RefSeq ORF:	1374
Summary:	This gene encodes a type I transmembrane protein. The encoded protein is an essential component of the cubulin receptor complex which is thought to play a role in coordinating growth and patterning of the embryo. This protein is thought to modulate a bone morphogenetic protein (BMP) signaling pathway. A homoygous mutation in the mouse gene results in the lack of an amnion in embryos. Mutations in the human gene are associated with Megaloblastic Anemia-1. [provided by RefSeq, Sep 2015]