

Product datasheet for TP505760

Aspn (NM_025711) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse asporin (Aspn), transcript variant 1, full length with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205760 protein sequence Red=Cloning site Green=Tags(s)

MKEYVMLLLLAVCSAKPFFSPSHTALKNMMLKDMEDTDDDDNDDDDNSLFPTKEPVNPFPPDFLPTCPF
GCQCYSRVVHCSDLGLTSVPNNIPFDTRMVDLQNNKIKEIKENDFKGLTSLYALILNKKLTKIHPKFTL
TTKKLRRLYLSHNQLSEIPLNLPKSLAELRIHDNKVKKIQKDTFKGMNALHVLEMSANPLENNGIEPGAF
EGVTVFHIRIAEAKLTSIPKGLPPTLLELHLDNFNKISTVELEDLKRYRELQRLGLGNNRITDIENGTAFN
IPRVREIHLEHNKLLKIPSGLQELKYLQIIFLHYNSIAKVGVNDFCPTVPMKKSLSAISLFNNPMKYW
EIQPATFRCVLGRMSVQLGNVGK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

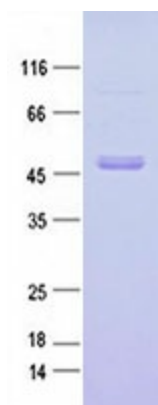
Tag:	Myc-DDK
Predicted MW:	42.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate Bradford method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before 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_079987.2
Locus ID:	66695
UniProt ID:	Q99MQ4 , A6H6K1



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RefSeq Size:	2362
Cytogenetics:	13 A5
RefSeq ORF:	1122
Synonyms:	4631401G09Rik; AA986886; PL; Plap1; SL; Slrr1c
Summary:	This gene encodes a member of the small leucine-rich proteoglycan family. The encoded protein is an extracellular matrix protein that modulates the transforming growth factor-beta signaling pathway, regulating cartilage matrix gene expression and cartilage formation. The protein plays a role in the pathology of osteoarthritis. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010]

Product images:



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