

Product datasheet for TP527060

Gsn (NM_146120) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse gelsolin (Gsn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227060 representing NM_146120 Red=Cloning site Green=Tags(s)

MAPYRSSLLCALLLLALCALSPSHAATTSRGRAQERAPQSRVSEARPSTMVVEHPEFLKAGKEPGLQIWR
VEKFDLVPVPPNLYGDFFTGDAYVILKTVQLRNGNLQYDLHYWLGNECSQDESAAAAIFTVQLDDYLNDR
AVQHREVQGFESSTFSGYFKSGLKYKGGVASGFKHVVPNEVVQRLFQVKGRRVVRATEVPSWDSFNN
GDCFILDLGNNIYQWCGSGSNKFERLKATQVSKGIRDNERSGRAQVHVSEEGEPEAMLQVLGPKPALPE
GTEDTAKEDAANRRLAKLYKVSNGAGSMSVSLVADENPFAQGALRSEDCFILDHGRDGKIFVWKGKQANM
EERKAALKTASDFISKMQYPRQTQVSVLPEGGETPLFKQFFKNWRDPDQTDGPGLGYLSSHIANVERVPF
DAATLHTSTAMAAQHGMDDDDGTGQKQIWRIEGSNKVPVDPATYGGQFYGGDSYIILYNYRHGGRRGQIIYN
WQGAQSTQDEVAASAILTAQLDEELGGTPVQSRVQVQKPEAHLMSLFGGKPMIYYKGGTSRDGGQTAPAS
IRLFQVRASSSGATRAVEVMPKSGALNSNDAFVLKTPSAAYLWVGAGASEAEKGAQELLKVLRSQHVQV
EEGSEPDAFWEALGGKTAYRTSPRLKDKKMDAHPRLFACSNRIGRFVIEVPGELMQEDLATDDVMLLD
TWDQVFVWVGKDSQEEKTEALTSAKRYIETDPANRDRRTPITVVRQGFEPSPFVWFLGWDDNYWSVDP
LDRALAEALAA

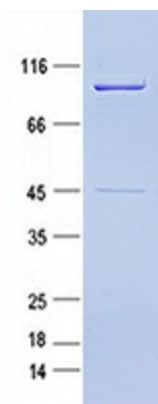
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	86.4 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:	<u>NP_666232</u>
Locus ID:	227753
UniProt ID:	<u>P13020</u>
RefSeq Size:	2663
Cytogenetics:	2 23.5 cM
RefSeq ORF:	2340
Synonyms:	ADF
Summary:	Calcium-regulated, actin-modulating protein that binds to the plus (or barbed) ends of actin monomers or filaments, preventing monomer exchange (end-blocking or capping). It can promote the assembly of monomers into filaments (nucleation) as well as sever filaments already formed. Plays a role in ciliogenesis.[UniProtKB/Swiss-Prot Function]

Product images:

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