

Product datasheet for **TP301386L**

SESN2 (NM_031459) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sestrin 2 (SESN2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201386 protein sequence Red =Cloning site Green =Tags(s)

MIVADSECR AELKDYLR FAPGGV GDSGPGEEQRESRARRGPRGPSAFIPVEEVLREGAESLEQHLGLEAL
MSSGRVDNLAVVMGLHPDYFTSFWRHLHYLLHTDGPLASSWRHYIAIMAAARHQCSYLVGSHMAEFLQTG
GDPEWLLGLHRAPEKLRKLSKLLAHRPWLITKEHIQALLKTGEHTWSLAELIQALVLLTHCHSLSSF
VFGCGILPEGDADGSPAPQAPTPPSEQSSPPSRDPLNNSGGFESARDVEALMERMQQQLQESLLRDEGTSQ
EEMESRFELEKSESLLVTPSADILEPSHPDMLCFVEDPTFGYEDFTRRGAQAPPTFRAQDYTWEDHGYS
LIQRLYPEGGQLLDEKFQAAYSLTYNTIAMHSGVDTSVLRRAIWNYYHCVFGIRYDDYDYGEVNQLLERN
LKVIYIKTVACYPEKTTTRMYNLFWRHFRHSEKVHVNLLLEARMQAALLYALRAITRYMT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

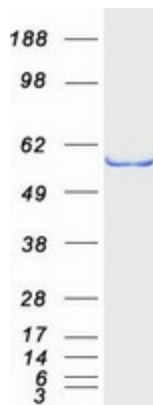
Tag:	C-Myc/DDK
Predicted MW:	54.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_113647</u>



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Locus ID:	83667
UniProt ID:	P58004
RefSeq Size:	3547
Cytogenetics:	1p35.3
RefSeq ORF:	1440
Synonyms:	HI95; SES2; SEST2
Summary:	This gene encodes a member of the sestrin family of PA26-related proteins. The encoded protein may function in the regulation of cell growth and survival. This protein may be involved in cellular response to different stress conditions. [provided by RefSeq, Jul 2008]
Protein Pathways:	p53 signaling pathway

Product images:



Coomassie blue staining of purified SESN2 protein (Cat# [TP301386]). The protein was produced from HEK293T cells transfected with SESN2 cDNA clone (Cat# [RC201386]) using MegaTran 2.0 (Cat# [TT210002]).