Recombinant Full Length Human SESN2 Protein, C-Flag-tagged

Cat. No. SESN2-1376HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SESN2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	54.3 kDa
AA Sequence	MIVADSECRAELKDYLRFAPGGVGDSGPGEEQRESRARRGPRGPSAFIPVEEVLRE GAESLEQHLGLEAL MSSGRVDNLAVVMGLHPDYFTSFWRLHYLLLHTDGPLASSW RHYIAIMAAARHQCSYLVGSHMAEFLQTG GDPEWLLGLHRAPEKLRKLSEINKLLAH RPWLITKEHIQALLKTGEHTWSLAELIQALVLLTHCHSLSSF VFGCGILPEGDADGSP APQAPTPPSEQSSPPSRDPLNNSGGFESARDVEALMERMQQLQESLLRDEGTSQ EEMESRFELEKSESLLVTPSADILEPSPHPDMLCFVEDPTFGYEDFTRRGAQAPPTF RAQDYTWEDHGYS LIQRLYPEGGQLLDEKFQAAYSLTYNTIAMHSGVDTSVLRRAI WNYIHCVFGIRYDDYDYGEVNQLLERN LKVYIKTVACYPEKTTRRMYNLFWRHFRHSEKVHVNLLLLEARMQAALLYALRAITRY

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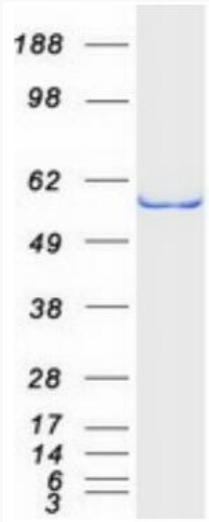
	MTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	p53 signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	SESN2 sestrin 2 [Homo sapiens (human)]
Official Symbol	SESN2
Synonyms	HI95; SES2; SEST2
Gene ID	83667
mRNA Refseq	NM_031459.5
Protein Refseq	NP_113647.1

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MIM	607767
UniProt ID	P58004



Coomassie blue staining of purified SESN2 protein.

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