

Recombinant Human SESN2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SESN2-6245H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SESN2 MS Standard C13 and N15-labeled recombinant protein (NP_113647) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	54.5 kDa
AA Sequence	MIVADSECRAELKDYLRFAPGGVGDSGPGEQRESRARRGPRGPSAFIPVEEVLRE GAESLEQHLGLEALMSSGRVDNLAVVMGLHPDYFTSFWRHLHYLLHTDGPLASSW RHYIAIMAAARHQCSYLVGSHMAEFLQTGGDPEWLLGLHRAPEKLRKLSEINKLLAH RPWLITKEHIQALLKTGEHTWSLAELIQALVLLTHCHSLSSFVFGCGILPEGDADGSP APQAPTTPPSEQSSPPSRDPLNNSGGFESARDVEALMERMQQLQESLLRDEGTSQE EMESRFELEKSESLLVTPSADILEPSHPDMLCFVEDPTFGYEDFTRRGAQAPPTFR AQDYTWEDHGYSLIQRLYPEGGQLLDEKFQAAYSLTYNTIAMHSGVDTSVLRRAIW NYIHCVFIRYDDYDYGEVNQLLERNLKVYIKTVACYPEKTTRRMYNLFWRHFRHSE KVHVNLLLLEARMQAALLYALRAITRYMTTRTRPLEQKLISEEDLAANDILDYKDDDD KV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

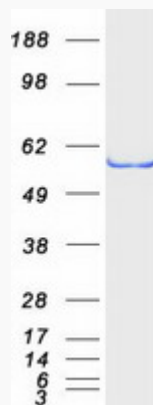
GENE INFORMATION

Gene Name	SESN2 sestrin 2 [Homo sapiens (human)]
Official Symbol	SESN2
Synonyms	SESN2; sestrin 2; sestrin-2; DKFZp761M0212; HI95; SES2; SEST2; hypoxia induced gene 95; DKFZp761M02121;
Gene ID	83667
mRNA Refseq	NM_031459
Protein Refseq	NP_113647
MIM	607767
UniProt ID	P58004

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SDS-PAGE

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