



Recombinant Mouse Sestrin-2 (Sesn2)

Product Code	CSB-EP021096MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P58043
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MIVADSECHS EIKGYLPFTR GGVAGPETRE EHREGQARRG SRGPSAFIPV EEILREGAES LEQHLGLEAL MSSGRVDNLA VVMGLHPDYL SSFWRLHYLL LHTDGPLASS WRHYIAIMAA ARHQCSYLVG SHMTEFLQTG GDPEWLLGLH RAPEKLRKLS EVNKLLAHRP WLITKEHIQA LLKTGEHSWS LAELIQALVL LTHCHSLASF VFGCGILPEG DAEGSPASQA PAPPSEQGTP PSGDPLNNSG GFEAARDVEA LMERMRQLQE SLLRDEGASQ EEMENRFELE KSESLLVTPS ADILEPSPHP DILCFVEDPA FGYEDFTRRG TQAPPTFRAQ DYTWEDHGYS LIQRLYPEGG QLLDEKFQVA CSLTYNTIAM HSGVDTSMLR RAIWNYIHCV FGIRYDDYDY GEVNQLLERN LKIYIKTVAC YPEKTRRMV NLFWRHFRHS EKVHVNLLLL EARMQAALLY ALRAITRYMT
Source	E.coli
Target Names	Sesn2
Protein Names	Recommended name: Sestrin-2
Expression Region	1-480
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.