



Recombinant Human Sestrin-2 (SESN2)

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| Product Code | CSB-MP021096HU |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P58004 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MIVADSECRA ELKDYLRFAP GGVGDSPGGE EQRESRARRG PRGPSAFIPV EEVLREGAES LEQHLGLEAL MSSGRVDNLA VVMGLHPDYF TSWRLHYLL LHTDGPLASS WRHYIAIMAA ARHQCSYLVG SHMAEFLQTG GDPEWLLGLH RAPEKLRKLS EINKLLAHRP WLITKEHIQA LLKTGEHTWS LAELIQALVL LTHCHSLSSF VFGCGILPEG DADGSPAPQA PTPPSEQSSP PSRDPLNNSG GFESARDVEA LMERMQQLQE SLLRDEGTSQ EEMESRFELE KSESLLVTPS ADILEPSPHP DMLCFVEDPT FGYEDFTRRG AQAPPTFRAQ DYTWEDHGYS LIQRLYPEGG QLLDEKFQAA YSLTYNTIAM HSGVDTSVLR RAIWNYIHCV FGIRYDDYDY GEVNQLLERN LKVYIKTVAC YPEKTRRMV NLFWRHFRHS EKVHVNLLLL EARMQAALLY ALRAITRYMT |
| Source | Mammalian cell |
| Target Names | SESN2 |
| Protein Names | Recommended name: Sestrin-2 Alternative name(s): Hi95 |
| 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. |