



# Recombinant Human Calicin (CCIN)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-EP004770HU-B   |
| <b>Abbreviation</b>      | CCIN   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q13939   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MKLEFTEKKNY NSFVLQNLNR QRKRKEYWDM ALSVDNHVFF AHRNVLAAVS<br>PLVRSLISSN DMKTADELFI TIDTSYLSPV TVDQLLDYFY SGKVWISEQN<br>VEELLRGAQY FNTPLRVHC NDFLIKSICR ANCLRYLFLA ELFELKEVSD<br>VAYSGIRDNF HYWASPEGSM HFMRCPPVIF GRLLRDENLH VLNEDQALSA<br>LINWVYFRKE DREKYFKKFF NYINLNAVSN KTLVFASNKL VGMENSSHT<br>TLIESVLMRDR KQERPCSLLV YQRKGALLDS VVILGGQKAH GQFNDGVFAY<br>IIQENLWMKL SDMPYRAAAL SATSAGRYIY ISGGTTEQIS GLKTAWRYDM<br>DDNSWTKLPD LPIGLVFHTM VTCGGTVYSV GGSIAPRRYV SNIYRYDERK<br>EWWCLAGKMS IPMDGTAVIT KGDRHLYIVT GRCLVKGYIS RVGVVDCFD<br>STGDVVQCIT FPIEFNHRPL LSFQQDNILC VHSHRQSVEI NLQKVKASKT<br>TTSVPVLPNS CPLDVSHAIC SIGDSKVFVC GGVTTASDVQ TKDYTINPNA<br>FLLDQKTGKW KTLAPPPEAL DCPACCLAKL PCKILQRI |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | CCIN   |
| <b>Protein Names</b>     | Recommended name: Calicin  |
| <b>Expression Region</b> | 1-588  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Target Details</b>    | This protein is a basic protein of the sperm head cytoskeleton. This protein contains kelch repeats and a BTB/POZ domain and is necessary for normal morphology during sperm differentiation. This gene is intronless.   |
| <b>Reconstitution</b>    | 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.