



Recombinant Mouse Jerky protein (Jrk)

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|--------------------------|---|
| Product Code | CSB-MP713911MO |
| Abbreviation | Jrk |
| Storage | 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. |
| Uniprot No. | Q60976 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MASKQAAAKG KGEKRKRVL TLKEKIDICT RLERGESRKA LMQEYNVGMS TLYDIKAHKA QLLRFFASSD SRQALEQRRT LHTPKLEHLD RVLYEWFLVK RAEGIPVSGP MLIEKAKDFY KQMRLTEPCV FSGGWLWRFK ARHGIKKLDA SSEKQAADHQ AAEQFCGFFR SLAAEHGLSP EQVYSADETG LVWRCLPNSA PDDGTVPHFK QGKDRLTVLM CANATGSHRI KPLAIGKGGG PRAFRGIQHL PIAYKAQGNA WVDKEIFSDW FHHIFVPSVR EHFRTIGLPE DSKAILLLDH SRAHSQESEL VSENVFTIFL PSSVTSLQ P TEQGIRRAF M RLFINPPVAF QGFPTRHIN DAIVNVARAW NAVPSQVFQR AWRKWLWPTVT FTEGSSEEE AECCAIPHK TFAHILGLVK EGPTCSGSRL QDSRVEERVV AGRDIDEAPA IVAPSQATRC TTKSEKDTGE TEEAAWEQAA TSFEALVRFA ERQPCFSVQE MGQLQALHTV FRRQQQLRQP RVALRAVIKL EALQEHPGVC VATTHPTLPC SSTAGDN |
| Source | Mammalian cell |
| Target Names | Jrk |
| Protein Names | Recommended name: Jerky protein |
| Expression Region | 1-557 |
| 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 is the human homolog of the mouse jerky gene. The encoded protein has similarity to several nuclear regulatory proteins, including centromere protein B, suggesting that it might function as a DNA-binding protein. Insertional inactivation of this gene in transgenic mice resulted in epileptic seizures. Childhood Absence Epilepsy (CAE) has been mapped to the same chromosomal location (8q24.3) as this gene, making this gene a strong candidate for CAE. Two transcript variants encoding different isoforms have been found for this gene. |

**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

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