



Recombinant Mouse Jerky protein (Jrk)

Product Code	CSB-EP713911MO
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 PTEQGIRRAF MRLFINPPVAF QGFPTRHNIN DAIVNVARAW NAVPSQVFQR AWRKWLWPTVT FTEGSSEEE AEC CAIKPHK TFAHILGLVK EGPTCSGSRL QDSRVEERVV AGRDIDEAPA IVAPSQATRC TTKSEKDTGE TEEAAWEQAA TSFEALVRFA ERQPCFSVQE MGQLQALHTV FRRQQQLRQP RVALRAVIKL EALQEHPGVC VATTHPTLPC SSTAGDN
Source	E.coli
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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