Recombinant Mouse DNA excision repair protein ERCC-8 (Ercc8)

Product Code	CSB-BP804034MO
Abbreviation	Ercc8
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.	Q8CFD5
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MLSFLSARQS GLEDPLRLRR AQSTRRVLGL ELNKDRDVER IHGSGVNTLD IEPVEGRYML SGGSDGVVVL YDLENASRQP HYTCKAVCSV GRSHPDVHKY SVETVQWYPH DTGMFTSSSF DKTLKVWDTN TLQAADVFNF EETVYSHHMS PAATKHCLVA VGTRGPKVQL CDLKSGSCSH ILQGHRQEIL AVSWSPRHDY ILATASADSR VKLWDVRRAS GCLLTLDQHN GKKSQAAESA NTAHNGKVNG LCFTSDGLHL LTIGTDNRMR LWNSSSGDNT LVNYGKVCND SRKGLQFAVS CGCSSEFVFV PHGSTIAVYA VHSGERLAML KGHYKSVDCC VFQPNFQELY SGSRDCNILA WVPPSYEPVP DDDDEAPAKS QLNPAFADAW SSSDEDG
Source	Baculovirus
Target Names	Ercc8
Protein Names	Recommended name: DNA excision repair protein ERCC-8 Alternative name(s): Cockayne syndrome WD repeat protein CSA homolog
Expression Region	1-397
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 WD repeat protein, which interacts with Cockayne syndrome type B (CSB) protein and with p44 protein, a subunit of the RNA polymerase II transcription factor IIH. Mutations in this gene have been identified in patients with hereditary disease Cockayne syndrome (CS). CS cells are abnormally sensitive to ultraviolet radiation and are defective in the repair of transcriptionally active genes.
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.