



Recombinant Mouse Neutrophil elastase (Elane)

Product Code	CSB-MP659740MO
Abbreviation	Elane
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.	Q3UP87
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	SEIV GGRPARPHAW PFMASLQRRG GHFCGATLIA RNFVMSAAHC VNGLNFRSVQ VVLGAHDLRR QERTRQTFSV QRIFENGFDP SLLNDIVII QLNGSATINA NVQVAQLPAQ GQGVGDRTPC LAMGWGRLGT NRPSPSVLQE LNVTVTNMC RRRVNVCTLV PRRQAGICFG DSGGPLVCNN LVQGIDSFIR GGCGSGLYPD AFAPVAEFAD WINSIIRSHN DHELLTHPKDR EGRTN
Source	Mammalian cell
Target Names	Elane
Protein Names	Recommended name: Neutrophil elastase EC= 3.4.21.37 Alternative name(s): Elastase-2 Leukocyte elastase
Expression Region	27-265
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 of Mature Protein
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.