Recombinant Mouse Neutrophil cytosol factor 2 (Ncf2)

Product Code	CSB-MP015528MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O70145
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MSLAEAIRLW NEGVLAADKK DWKGALEAFS EVQDPHSRIC FNIGCVNTIL ENLQAAEQAF TKSINRDKHS AVAYFQRGML YYRMEKYDLA IKDLKEALTQ LRGNQLIDYK ILGLQFKLFA CEVLYNIALM HAKKEEWKKA EEQLALATNM KSEPRHSKID KAMESIWKQK LFEPVVIPVG RLFRPNERQV AQLAKKDYLG KATVVASVVH QDNFSGFAPL QPQSAEPPPR PKTPEIFRAL EGEAHRVLFG FVPETPEELQ VMPGNIVFVL KKGSDNWATV MFNGQKGLVP CNYLEPVELR IHPQSQPQED TSPESDIPPP PNSSPPGRLQ LSPGHKQKEP KELKLSVPMP YMLKVHYKYT VVMETRLGLP YSQLRNMVSK KLALSPEHTK LSYRRRDSHE LLLLSEESMK DAWGQVKNYC LTLWCEHTVG DQGLIDEPIQ RENSDASKQT TEPQPKEGTQ VVAIFSYEAA QPEDLEFVEG DVILVLSHVN EEWLEGECKG KVGIFPKAFV EGCAAKNLEG IPREV
Source	Mammalian cell
Target Names	Ncf2
Protein Names	Recommended name: Neutrophil cytosol factor 2 Short name= NCF-2 Alternative name(s): 67 kDa neutrophil oxidase factor NADPH oxidase activator 2 Neutrophil NADPH oxidase factor 2 p67-phox
Expression Region	1-525
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 neutrophil cytosolic factor 2, the 67-kilodalton cytosolic subunit of the multi-protein NADPH oxidase complex found in neutrophils. This oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. Mutations in this gene, as well as in other NADPH oxidase subunits, can result in chronic granulomatous disease, a disease that causes recurrent infections by catalase-positive organisms. Alternative splicing results in two transcript variants that encode the same 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.