Recombinant Human Neutrophil cytosol factor 2 (NCF2)

Product Code	CSB-BP015528HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P19878
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSLVEAISLW NEGVLAADKK DWKGALDAFS AVQDPHSRIC FNIGCMYTIL KNMTEAEKAF TRSINRDKHL AVAYFQRGML YYQTEKYDLA IKDLKEALIQ LRGNQLIDYK ILGLQFKLFA CEVLYNIAFM YAKKEEWKKA EEQLALATSM KSEPRHSKID KAMECVWKQK LYEPVVIPVG KLFRPNERQV AQLAKKDYLG KATVVASVVD QDSFSGFAPL QPQAAEPPPR PKTPEIFRAL EGEAHRVLFG FVPETKEELQ VMPGNIVFVL KKGNDNWATV MFNGQKGLVP CNYLEPVELR IHPQQQPQEE SSPQSDIPAP PSSKAPGRPQ LSPGQKQKEE PKEVKLSVPM PYTLKVHYKY TVVMKTQPGL PYSQVRDMVS KKLELRLEHT KLSYRPRDSN ELVPLSEDSM KDAWGQVKNY CLTLWCENTV GDQGFPDEPK ESEKADANNQ TTEPQLKKGS QVEALFSYEA TQPEDLEFQE GDIILVLSKV NEEWLEGECK GKVGIFPKVF VEDCATTDLE STRREV
Source	Baculovirus
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	1-526
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.