



Recombinant Dog Granulocyte colony-stimulating factor (CSF3)

Product Code	CSB-EP006049DO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P35834
Product Type	Recombinant Protein
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)
Purity	>85% (SDS-PAGE)
Sequence	MAPLGPTGPL PQSFLLKCLE QMRKVQADGT ALQETLCATH QLCHPEELVL LGHALGIPQP PLSSCSSQAL QLMGCLRQLH SGLFLYQGLL QALAGISPEL APTLDLQLD TTDFAINIWQ QMEDLGMAPA VPPTQGTMPA FTSAFQRRAG GVLVASNLQS FLELAYRALR HFAKP
Source	E.coli
Target Names	CSF3
Protein Names	Recommended name: Granulocyte colony-stimulating factor Short name= G-CSF
Expression Region	1-175
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 protein is a cytokine that controls the production, differentiation, and function of granulocytes. The active protein is found extracellularly. Three transcript variants encoding three 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	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.