



Recombinant Human Granulocyte-macrophage colony-stimulating factor (CSF2)

Product Code	CSB-CF006043HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P09603
Product Type	Transmembrane Protein
Immunogen Species	Homo sapiens (Human)
Sequence	APA RSPSPSTQPW EHVNAIQEAR RLLNLSRDTA AEMNETVEVI SEMFDLQEPT CLQTRLELYK QGLRGS�TKL KGPLTMMASH YKQHCPPTPE TSCATQIITF ESFKENLKDF LLVIPFDCWE PVQE
Source	in vitro E.coli expression system
Target Names	CSF1
Protein Names	Recommended name: Granulocyte-macrophage colony-stimulating factor Short name= GM-CSF Alternative name(s): Colony-stimulating factor Short name= CSF Molgramostin Sargramostim
Expression Region	18-144
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
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.